



FCC TEST REPORT FCC 47 CFR Part 15C Industry Canada RSS-247 Digital transmission systems operating within the 2400 – 2483.5 MHz band	
Report Reference No.	G0M-1607-5737-TFC247BL-V01
Testing Laboratory	Eurofins Product Service GmbH
Address	Storkower Str. 38c 15526 Reichenwalde Germany
Accreditation	<div style="display: flex; justify-content: center; align-items: center;">   </div> <p style="text-align: center; font-size: small;"> A2LA Accredited Testing Laboratory, Certificate No.: 1983.01 FCC Filed Test Laboratory, Reg.-No.: 96970 IC OATS Filing assigned code: 3470A </p>
Applicant's name	Leica Geosystems AG
Address	Heinrich Wild Strasse 9435 Heerbrugg SWITZERLAND
Test specification:	
Standard.....	47 CFR Part 15C RSS-247, Issue 1, 2015-05
Test scope.....	partial Radio compliance test (C2PC)
Equipment under test (EUT):	
Product description	Laser Distance Meter
Model No.	Leica Disto D1
Additional Model(s)	None
Brand Name(s)	Leica Geosystems AG
Hardware version	V04
Firmware / Software version	6.0.0
	FCC-ID: RFF-LD2BT IC: 3177A-LD2BT
Test result	Passed

Possible test case verdicts:

- neither assessed nor tested : N/N
- required by standard but not appl. to test object : N/A
- required by standard but not tested : N/T
- not required by standard for the test object : N/R
- test object does meet the requirement : P (Pass)
- test object does not meet the requirement : F (Fail)

Testing:

Test Lab Temperature : 20 – 23 °C

Test Lab Humidity : 32 – 38 %

Date of receipt of test item : 2016-07-20

Date (s) of performance of tests : 2016-07-26

Compiled by : Burkhard Pudell

Tested by (+ signature) : Burkhard Pudell
 (Responsible for Test)

Approved by (+ signature) : Christian Weber
 (Head of Lab)

Date of issue : 2016-07-29

Total number of pages : 74



General remarks:

The test results presented in this report relate only to the object tested.

The results contained in this report reflect the results for this particular model and serial number. It is the responsibility of the manufacturer to ensure that all production models meet the intent of the requirements detailed within this report.

This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

Additional comments:

Version History

Version	Issue Date	Remarks	Revised by
01	2016-07-29	Initial Release	

REPORT INDEX

1	EQUIPMENT (TEST ITEM) DESCRIPTION	5
1.1	Photos – Equipment External	6
1.2	Photos – Equipment internal	9
1.3	Photos – Test setup	11
1.4	Supporting Equipment Used During Testing	12
1.5	Test Modes	13
1.6	Test Equipment Used During Testing	14
1.7	Sample emission level calculation	15
2	RESULT SUMMARY	16
3	TEST CONDITIONS AND RESULTS	17
3.1	Test Conditions and Results – Occupied Bandwidth	17
3.2	Test Conditions and Results – Transmitter radiated emissions	21
3.3	Test Conditions and Results – Receiver radiated emissions	23
ANNEX A	Transmitter radiated spurious emissions	25
ANNEX B	Receiver radiated spurious emissions	65

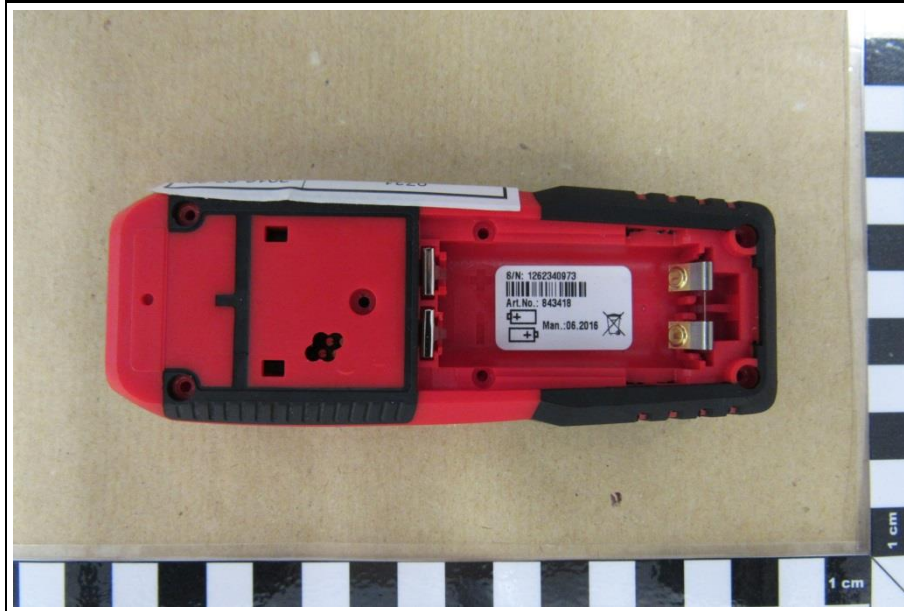
1 Equipment (Test item) Description

Description	Laser Distance Meter	
Model	Leica Disto D1	
Additional Model(s)	None	
Brand Name(s)	Leica Geosystems AG	
Serial number	None	
Hardware version	V04	
Software / Firmware version	6.0.0	
PMN	Leica Disto D1	
HVIN	Leica Disto D1	
FVIN	n/a	
HMN	n/a	
FCC-ID	RFF-LD2BT	
IC	3177A-LD2BT	
Equipment type	End product	
Radio type	Transceiver	
Radio technology	Bluetooth 4.0 Low Energy	
Operating frequency range	2402 - 2480 MHz	
Assigned frequency band	2400 - 2483.5 MHz	
Main test frequencies	F _{LOW}	2402 MHz
	F _{MID}	2440 MHz
	F _{HIGH}	2480 MHz
Modulations	GFSK	
Number of channels	40	
Channel spacing	2MHz	
Number of antennas	1	
Antenna	Type	integrated
	Model	2450AT18B100E
	Manufacturer	Johanson Technology
	Gain	-0.5 dBi (from declaration)
Manufacturer	flex Hungary Munkas u. 28 8660 Tab Hungary	
Power supply	V _{NOM}	3.0VDC
	V _{MIN}	N/R
	V _{MAX}	N/R
AC/DC-Adaptor	none	

1.1 Photos – Equipment External



EUT BACK OPEN



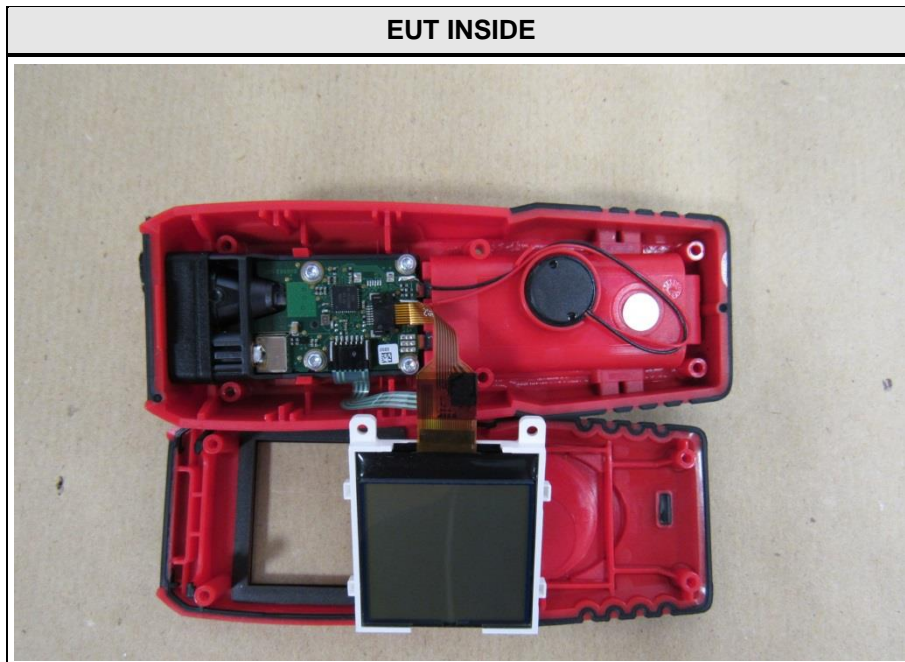
EUT SIDE



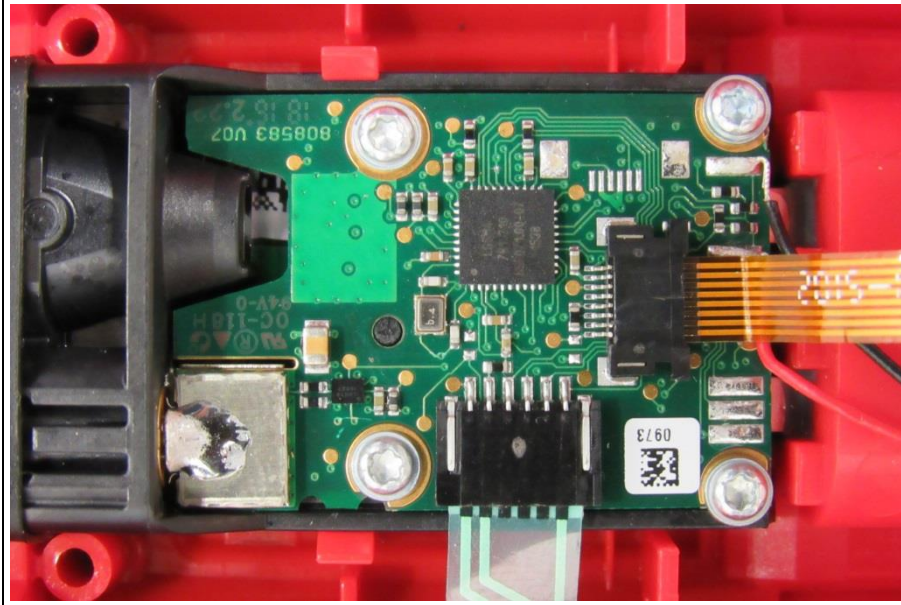
EUT TOP



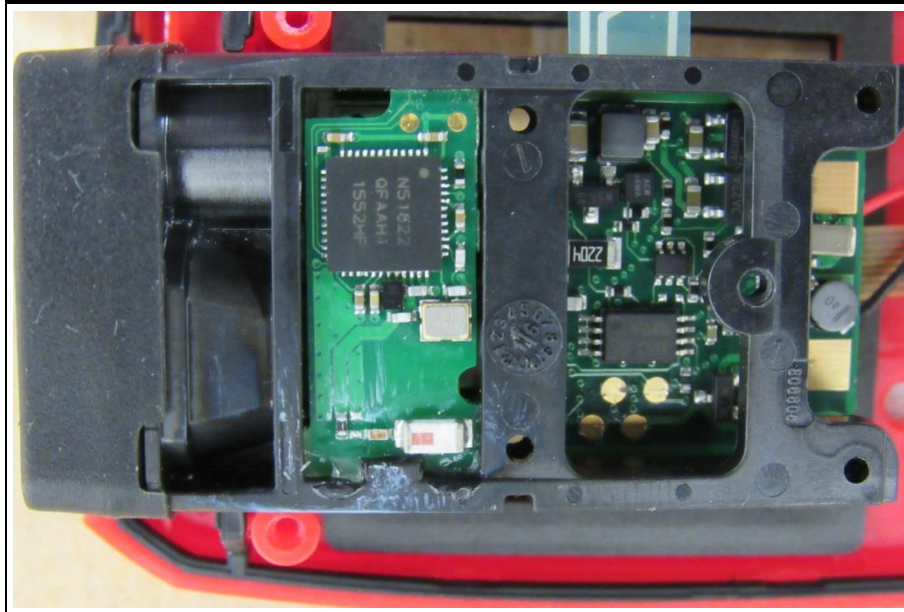
1.2 Photos – Equipment internal



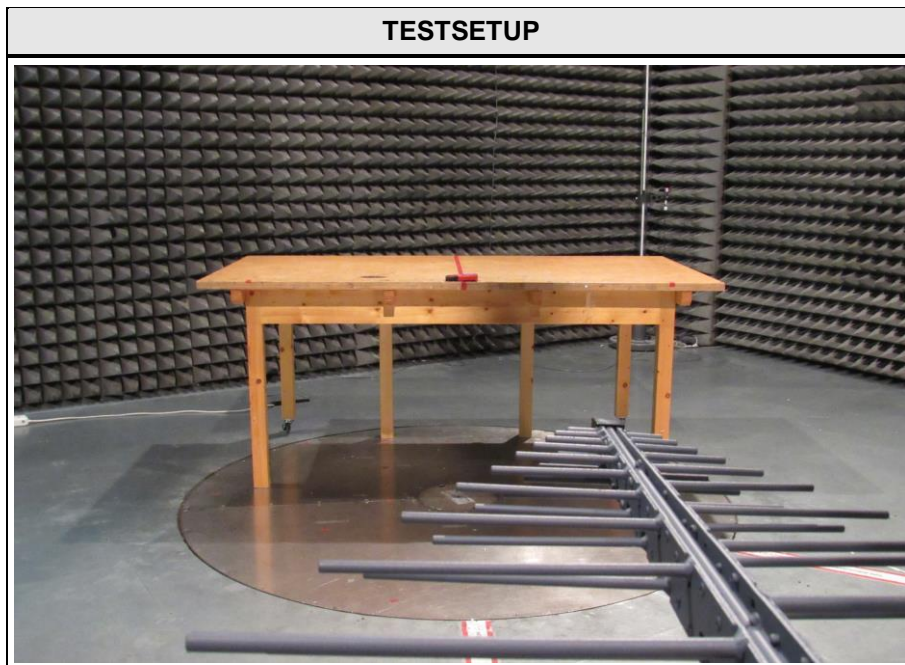
EUT PCB-UNIT FRONT



EUT PCB-UNIT BACK



1.3 Photos – Test setup



1.4 Supporting Equipment Used During Testing

Product Type*	Device	Manufacturer	Model No.	Comments
AE	Adapter-Box	Leica	Velaro DistoBox	Programmer Interface
AE	LAPTOP	Lenovo	T61	nRFgo Studio
<p>*Note: Use the following abbreviations:</p> <p>AE : Auxiliary/Associated Equipment, or</p> <p>SIM : Simulator (Not Subjected to Test)</p> <p>CABL : Connecting cables</p>				

1.5 Test Modes

Mode #	Description	
Transmit	General conditions:	EUT powered by fully charged battery.
	Radio conditions:	Mode = standalone transmit Modulation = GFSK Data rate = 1 Mbps Bandwidth = 2 MHz Duty cycle = 100 % Power level = Maximum
Receive	General conditions:	EUT powered by fully charged battery.
	Radio conditions:	Mode = standalone receive Modulation = GFSK

1.6 Test Equipment Used During Testing

Measurement Software			
Description	Manufacturer	Name	Version
EMC Test Software	Dare Instruments	Radimation	2015.2.4

Occupied Bandwidth					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Spectrum Analyzer	R&S	FSP 30	EF00312	2016-02	2017-02

Radiated spurious emissions					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Semi-anechoic chamber	Frankonia	AC 1	EF00062	-	-
Spectrum Analyzer	R&S	FSIQ26	EF00242	2016-04	2017-04
Biconical Antenna	R&S	HK 116	EF00012	2016-05	2019-05
LPD Antenna	R&S	HL 223	EF00187	2016-05	2019-05
LPD Antenna	R&S	HL 025	EF00327	2015-10	2018-10

1.7 Sample emission level calculation

The following is a description of terms and a sample calculation, as appears in the radiated emissions data table. The numbers used in the calculation are for example only. There is no direct correlation to the specific data taken for the product described in this document:

Reading:

This is the reading obtained on the spectrum analyzer in dB μ V. Any external preamplifiers used are taken into account through internal analyzer settings.

A.F.:

This is the antenna factor for the receiving antenna. It is a conversion factor, which converts electric fields strengths to voltages, which can be measured directly on the spectrum analyzer. It is treated as a loss in dB. Cable losses have been included with the A.F. to simplify the calculations. The antenna factor is used in calculations as follows:

$$\text{Reading on Analyzer (dB}\mu\text{V)} + \text{A.F. (dB)} = \text{Net field strength (dB}\mu\text{V/m)}$$

Net:

This is the net field strength measurement (as shown above).

Limit:

This is the FCC Class B radiated emission limit (in units of dB μ V/m). The FCC limits are given in units of μ V/m. The following formula is used to convert the units of μ V/m to dB μ V/m:

$$\text{Limit (dB}\mu\text{V/m)} = 20 * \log (\mu\text{V/m})$$

Margin:

This is the margin of compliance below the FCC limit. The units are given in dB. A negative margin indicates the emission was below the limit. A positive margin indicates that the emission exceeds the limit.

Example only:


$$\begin{array}{rclcl} \text{Reading} & + & \text{AF} & = & \text{Net Reading} & : & \text{Net reading - FCC limit} & = & \text{Margin} \\ 21.5 \text{ dB}\mu\text{V} & + & 26 \text{ dB} & = & 47.5 \text{ dB}\mu\text{V/m} & : & 47.5 \text{ dB}\mu\text{V/m} - 57.0 \text{ dB}\mu\text{V/m} & = & -9.5 \text{ dB} \end{array}$$

2 Result Summary

FCC 47 CFR Part 15C, IC RSS-247				
Product Specific Standard Section	Requirement – Test	Reference Method	Result	Remarks
RSS-Gen 6.6	Occupied Bandwidth	ANSI C63.10	N/R	Informational only
FCC § 15.247(a)(2) IC RSS-247 § 5.2	6dB Bandwidth	ANSI C63.10	N/T	
FCC § 15.247(b)(3) IC RSS-247 § 5.4	Maximum peak conducted power	ANSI C63.10	N/T	
FCC § 15.247(e) IC RSS-247 § 5.2	Power spectral density	ANSI C63.10	N/T	
47 CFR 15.207 IC RSS-247 § 3.1	AC power line conducted emissions	ANSI C63.4	N/T	
FCC § 15.247(d) IC RSS-247 § 5.5	Band edge compliance	ANSI C63.10	N/T	
FCC § 15.247(d) IC RSS-247 § 5.5	Conducted spurious emissions	ANSI C63.10	N/T	
FCC § 15.247(d) FCC § 15.209 IC RSS-247 § 5.5	Transmitter radiated spurious emissions	ANSI C63.10	PASS	
IC RSS-247 § 3.1	Receiver radiated spurious emissions	ANSI C63.10	PASS	
Remarks:				

3 Test Conditions and Results

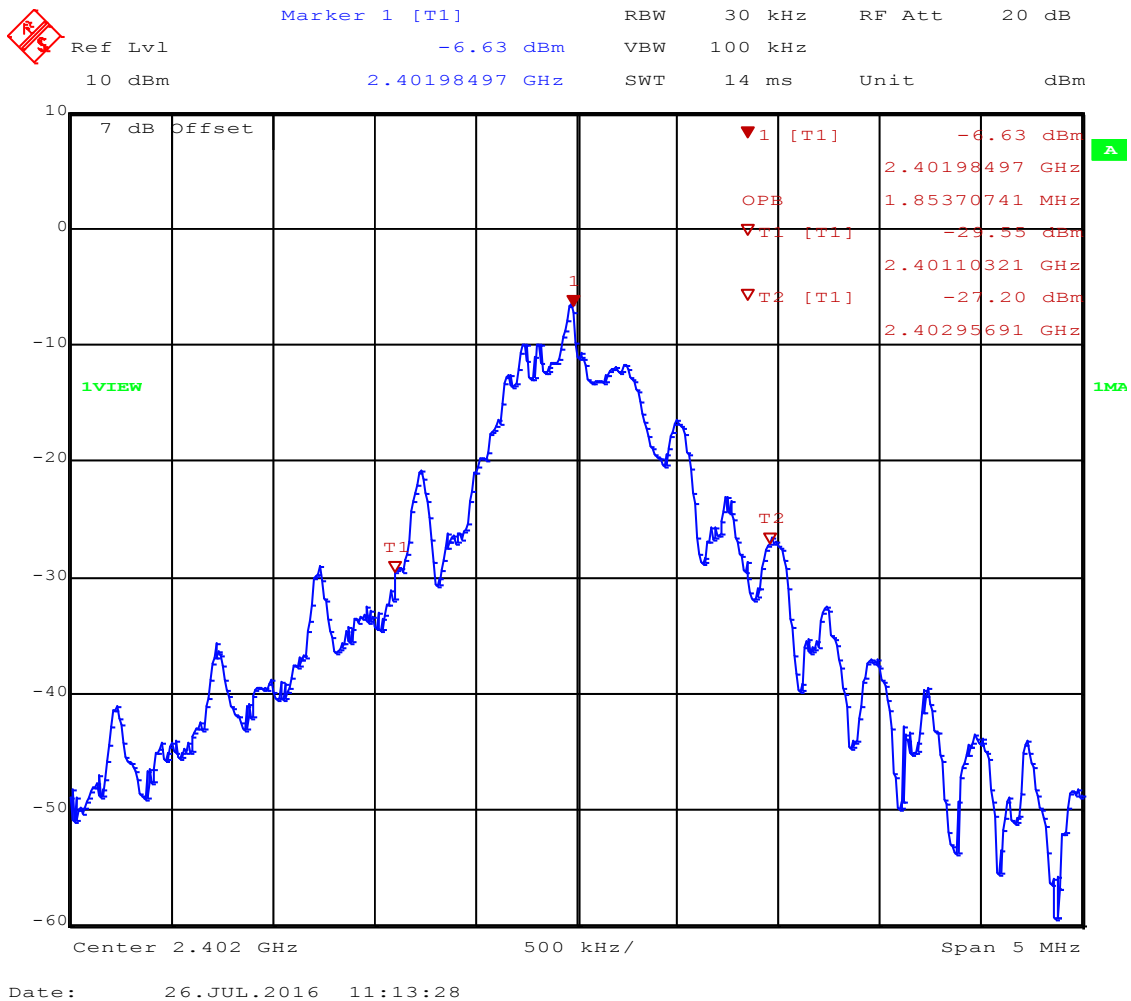
3.1 Test Conditions and Results – Occupied Bandwidth

Occupied Bandwidth acc. to IC RSS-Gen		Verdict: PASS	
Test according to measurement reference	Reference Method		
	ANSI C63.10		
Test frequency range	Tested frequencies		
	$F_{LOW} / F_{MID} / F_{HIGH}$		
Limits			
None (Informational only)			
Test setup			
			
Test procedure			
<ol style="list-style-type: none"> 1. EUT set to test mode (Communication tester is used if needed) 2. Span set to at least twice the emission spectrum 3. Resolution bandwidth set to 1 % of span 4. Occupied Bandwidth (99 %) measurement with spectrum analyzer built in measurement function 			
Test results			
Channel	Frequency [MHz]	Mode	Occupied Bandwidth [MHz]
F_{LOW}	2402	Transmit	1.854
F_{MID}	2442	Transmit	1.844
F_{HIGH}	2480	Transmit	1.533
Comments:			

Occupied Bandwidth – F_{Low}
Occupied Bandwidth acc. to RSS-Gen

Project Number: GOM-1607-5737

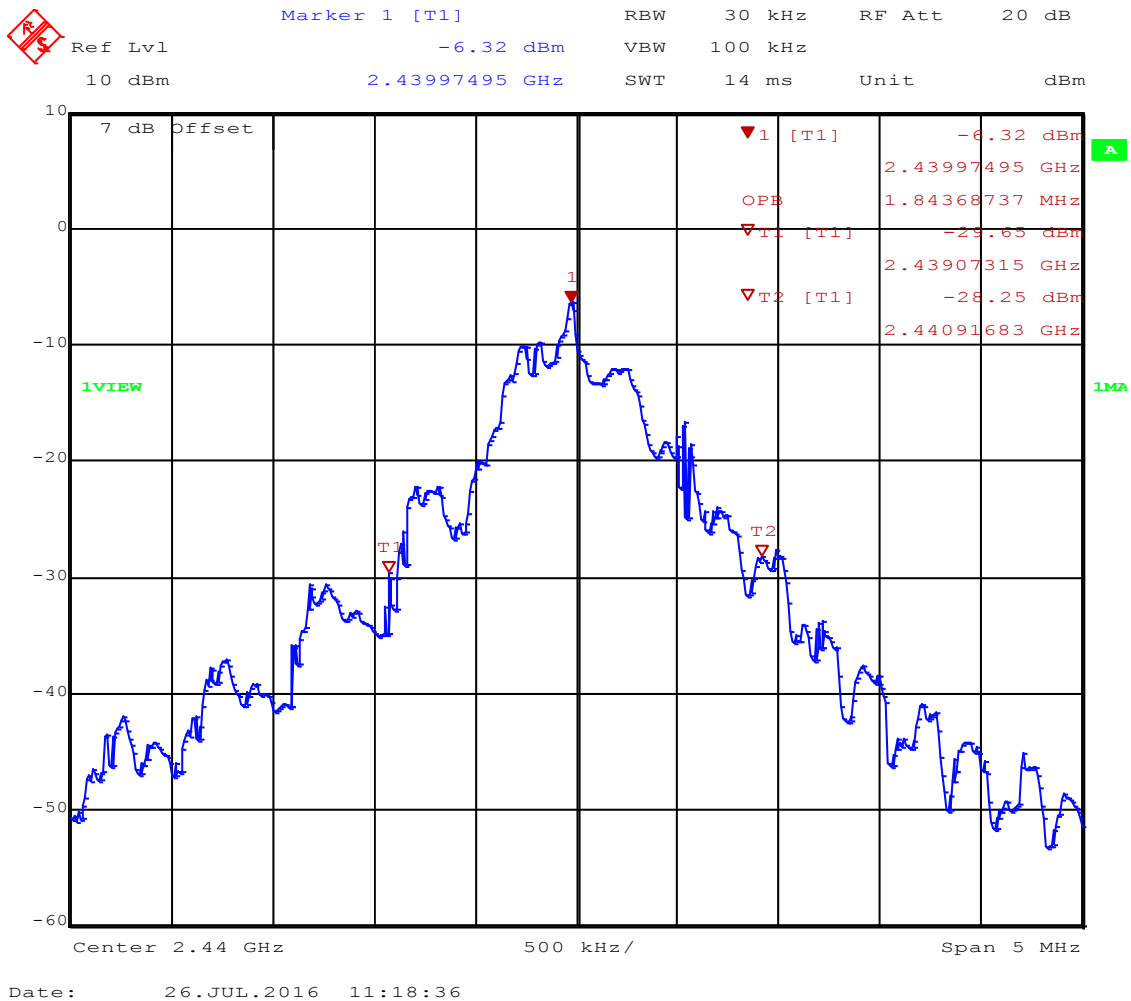
Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica Disto D1
 Test Site: Eurofins Product Service GmbH
 Operator: Burkhard Pudell
 Test Conditions: Tnom / Vnom
 Mode: Tx, BT-LE, 2402 MHz, modulated
 Test Date: 2016-07-26
 Verdict: NONE (INFORMATION ONLY)
 Note 1: A spectrum analyzer with an integrated 99% power bandwidth function is used
 Note 2: OBW= 1.854 MHz



Occupied Bandwidth – F_{MID}
Occupied Bandwidth acc. to RSS-Gen

Project Number: GOM-1607-5737

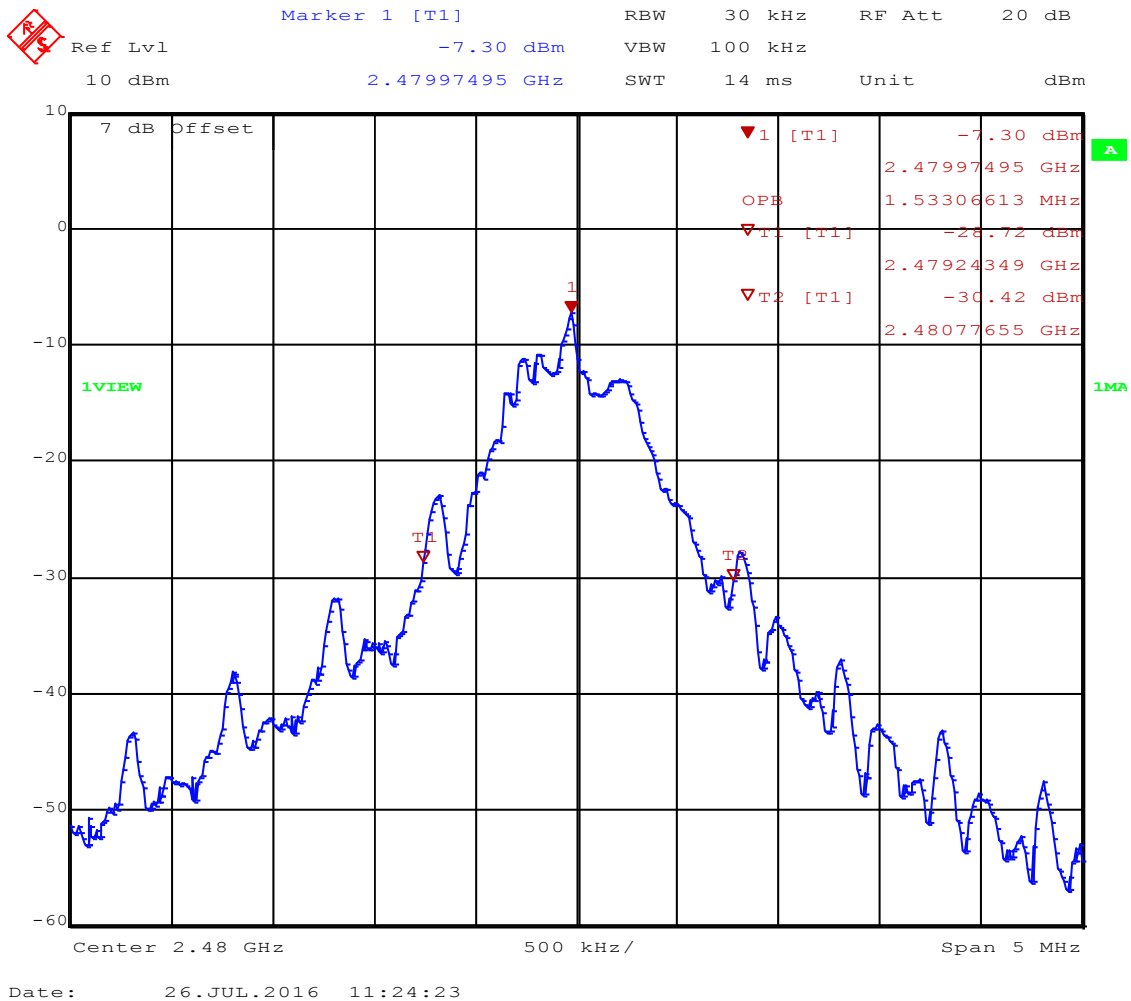
Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica Disto D1
 Test Site: Eurofins Product Service GmbH
 Operator: Burkhard Pudell
 Test Conditions: Tnom / Vnom
 Mode: Tx, BT-LE, 2440 MHz, modulated
 Test Date: 2016-07-26
 Verdict: NONE (INFORMATION ONLY)
 Note 1: A spectrum analyzer with an integrated 99% power bandwidth function is used
 Note 2: OBW = 1.844 MHz



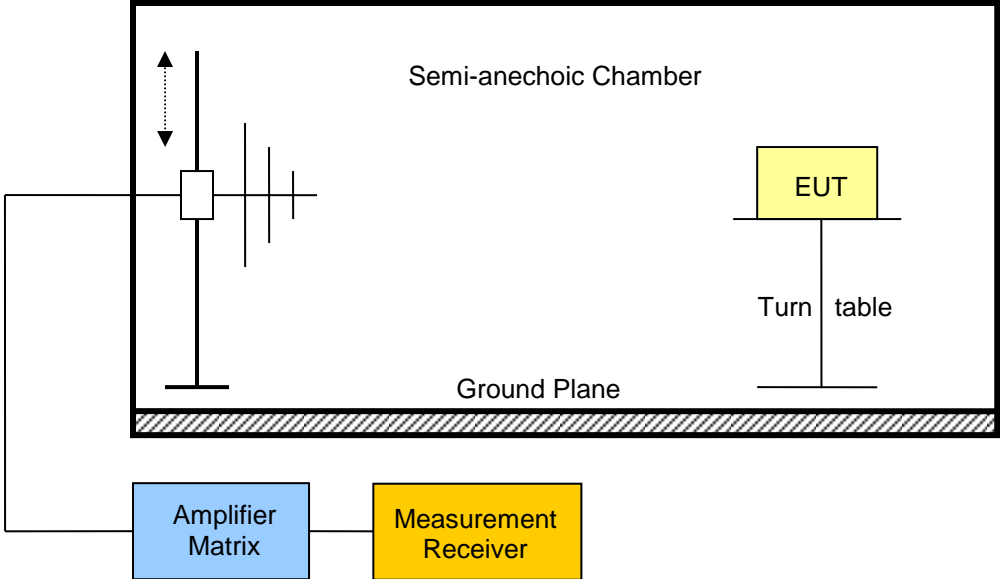
Occupied Bandwidth – F_{HIGH}
Occupied Bandwidth acc. to RSS-Gen

Project Number: GOM-1607-5737

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica Disto D1
 Test Site: Eurofins Product Service GmbH
 Operator: Burkhard Pudell
 Test Conditions: Tnom / Vnom
 Mode: Tx, BT-LE, 2480 MHz, modulated
 Test Date: 2016-07-26
 Verdict: NONE (INFORMATION ONLY)
 Note 1: A spectrum analyzer with an integrated 99% power bandwidth function is used
 Note 2: OBW= 1.533 MHz

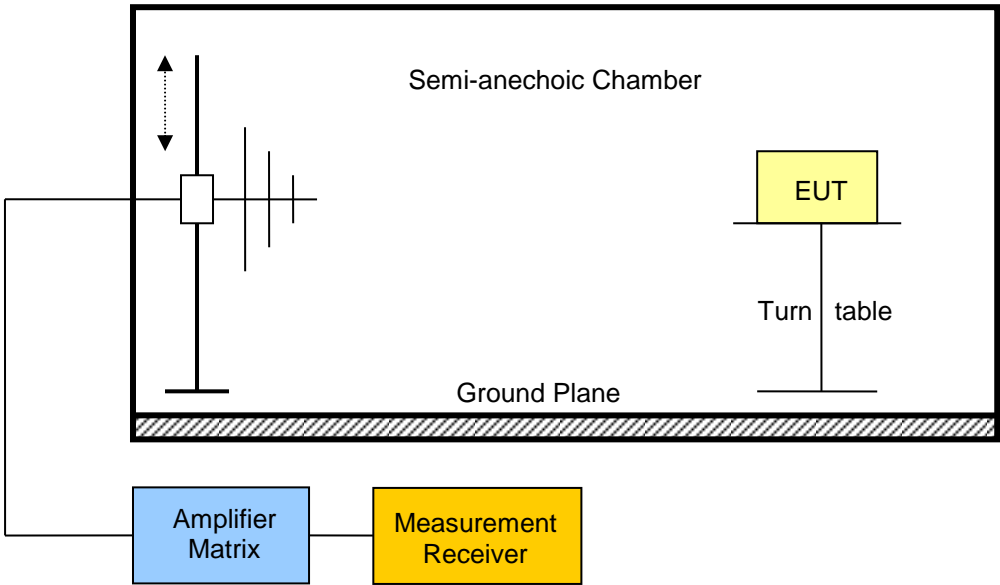


3.2 Test Conditions and Results – Transmitter radiated emissions

Transmitter radiated emissions acc. to FCC 47 CFR 15.247 / IC RSS-247				Verdict: PASS
Test according referenced standards		Reference Method		
		FCC 15.247(d) / IC RSS-247 5.5		
Test according to measurement reference		Reference Method		
		ANSI C63.10		
Test frequency range		Tested frequencies		
		30 MHz – 10 th Harmonic		
EUT test mode		Transmit		
Limits				
Frequency range [MHz]	Detector	Limit [μ V/m]	Limit [dB μ V/m]	Limit Distance [m]
30 – 88	Quasi-Peak	100	40	3
88 – 216	Quasi-Peak	150	43.5	3
216 – 960	Quasi-Peak	200	46	3
960 – 1000	Quasi-Peak	500	54	3
> 1000	Average	500	54	3
<p>Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)). When average radiated emission measurements are specified, including average emission measurements below 1000 MHz, there also is a limit on the peak level of the radio frequency emissions. The limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit applicable to the equipment under test.</p>				
Test setup				
 <p>The diagram illustrates the test setup for transmitter radiated emissions. It features a Semi-anechoic Chamber with a Ground Plane at the base. Inside the chamber, the Equipment Under Test (EUT) is placed on a Turn table. A probe is positioned to measure emissions from the EUT. The chamber is connected to an Amplifier Matrix and a Measurement Receiver.</p>				

Test procedure									
1. EUT set to test mode (Communication tester is used if needed) 2. Span it set according to measurement range 3. Resolution bandwidth below 1 GHz is set according to CISPR 16 with peak/quasi-peak detector and RBW of 1 MHz with peak/average detector is used above 1 GHz 4. Markers are set to peak emission levels within restricted bands									
Test results									
Channel	Frequency [MHz]	Mode	Emission [MHz]	Level [dB μ V/m]	Det.	Pol.	Limit [dB μ V/m]	Limit dist. [m]*	Margin [dB]
F _{LOW}	2402	Transmit	4805	53.31	pk	ver	74.00	3	-20.69
F _{LOW}	2402	Transmit	4805	46.87	RMS	ver	54.00	3	-07.13
F _{LOW}	2402	Transmit	4805	55.87	pk	hor	74.00	3	-18.13
F _{LOW}	2402	Transmit	4805	49.40	RMS	hor	54.00	3	-04.60
F _{MID}	2440	Transmit	2496	46.89	pk	hor	74.00	3	-27.11
F _{MID}	2440	Transmit	4881	55.53	pk	ver	74.00	3	-18.47
F _{MID}	2440	Transmit	4881	49.54	RMS	ver	54.00	3	-04.46
F _{MID}	2440	Transmit	4881	58.20	pk	hor	74.00	3	-15.80
F _{MID}	2440	Transmit	4881	52.18	RMS	hor	54.00	3	-01.82
F _{MID}	2440	Transmit	2484	54.41	pk	hor	74.00	3	-19.59
F _{MID}	2440	Transmit	2484	35.29	RMS	hor	54.00	3	-18.71
F _{HIGH}	2480	Transmit	4961	51.64	pk	ver	74.00	3	-22.36
F _{HIGH}	2480	Transmit	4961	44.81	RMS	ver	54.00	3	-09.19
F _{HIGH}	2480	Transmit	4961	56.95	pk	hor	74.00	3	-17.05
F _{HIGH}	2480	Transmit	4961	50.68	RMS	hor	54.00	3	-03.32
Comments: * Physical distance between EUT and measurement antenna.									

3.3 Test Conditions and Results – Receiver radiated emissions

Receiver radiated emissions acc. to IC RSS-247				Verdict: PASS
Test according referenced standards	Reference Method			
	IC RSS-247 3.1			
Test according to measurement reference	Reference Method			
	ANSI C63.10			
Test frequency range	Tested frequencies			
	30 MHz – 5 th Harmonic			
EUT test mode	Receive			
Limits				
Frequency range [MHz]	Detector	Limit [$\mu\text{V}/\text{m}$]	Limit [$\text{dB}\mu\text{V}/\text{m}$]	Limit Distance [m]
30 – 88	Quasi-Peak	100	40	3
88 – 216	Quasi-Peak	150	43.5	3
216 – 960	Quasi-Peak	200	46	3
960 – 1000	Quasi-Peak	500	54	3
> 1000	Average	500	54	3
Test setup				
 <p>The diagram illustrates the test setup within a Semi-anechoic Chamber. The chamber sits on a Ground Plane. Inside, an EUT (Equipment Under Test) is placed on a Turn table. A probe antenna is positioned above the chamber, connected to an Amplifier Matrix and a Measurement Receiver located outside the chamber.</p>				

Test procedure							
1. EUT set to receive mode (Communication tester is used if needed) 2. Span it set according to measurement range 3. Resolution bandwidth below 1 GHz is set according to CISPR 16 with peak/quasi-peak detector and RBW of 1 MHz with peak/average detector is used above 1 GHz 4. Markers are set to peak emission levels							
Test results							
Channel	Frequency [MHz]	Emission [MHz]	Emission Level [dB μ V/m]	Polarisation	Det.	Limit [dB μ V/m]	Margin [dB μ V/m]
F _{MID}	2440	7193	52.15	hor	pk	53.98	-1.83 dB
F _{MID}	2440	7454	52.05	ver	pk	53.98	-1.93 dB
Comments: * Physical distance between EUT and measurement antenna. ** Emission level corresponds to ambient noise floor							

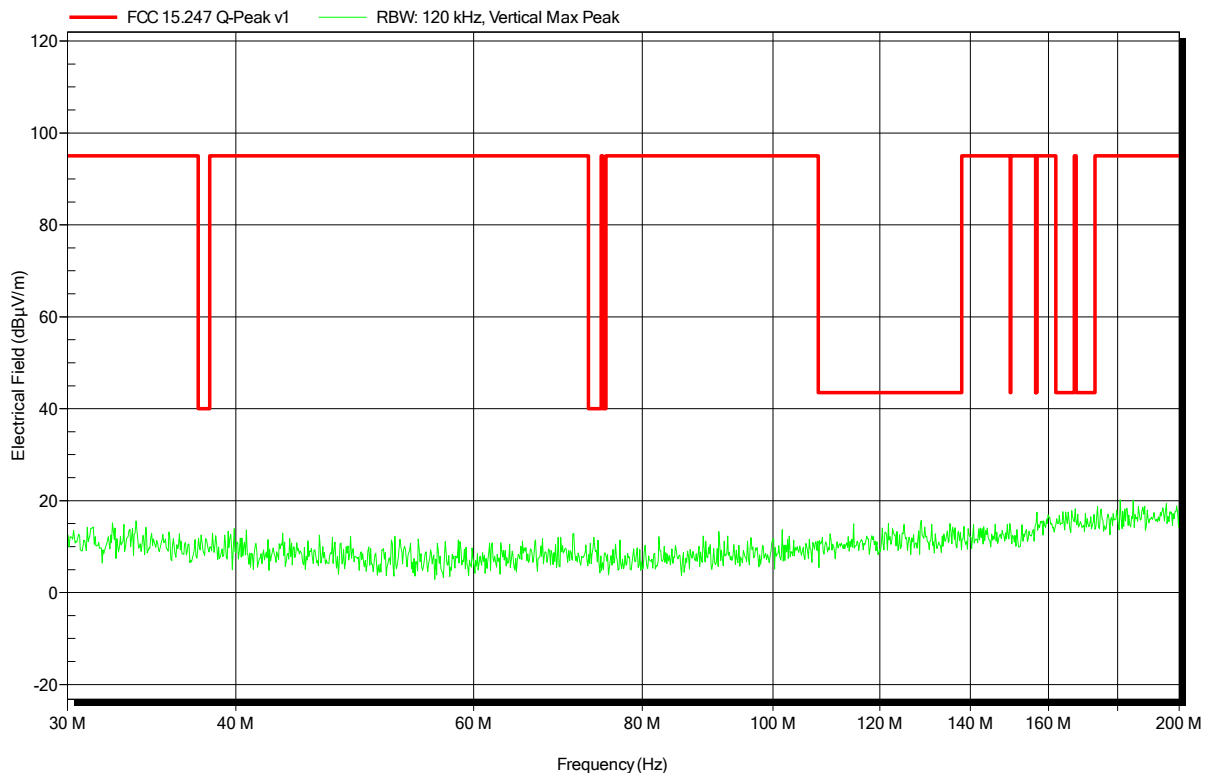
ANNEX A Transmitter radiated spurious emissions

Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HK 116, Vertical
Measurement distance:	3 m
Mode:	TX; BT-LE; CH: 0; 2402 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 80

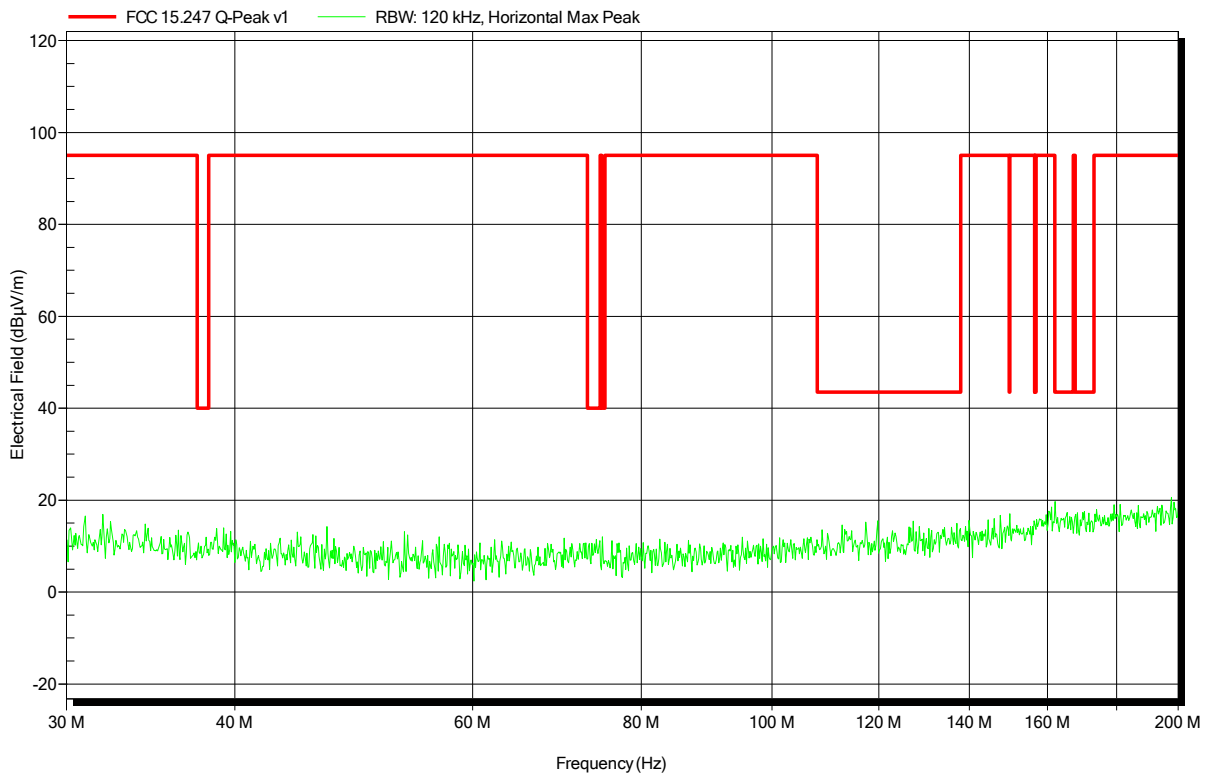


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Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; BT-LE; CH: 0; 2402 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 81

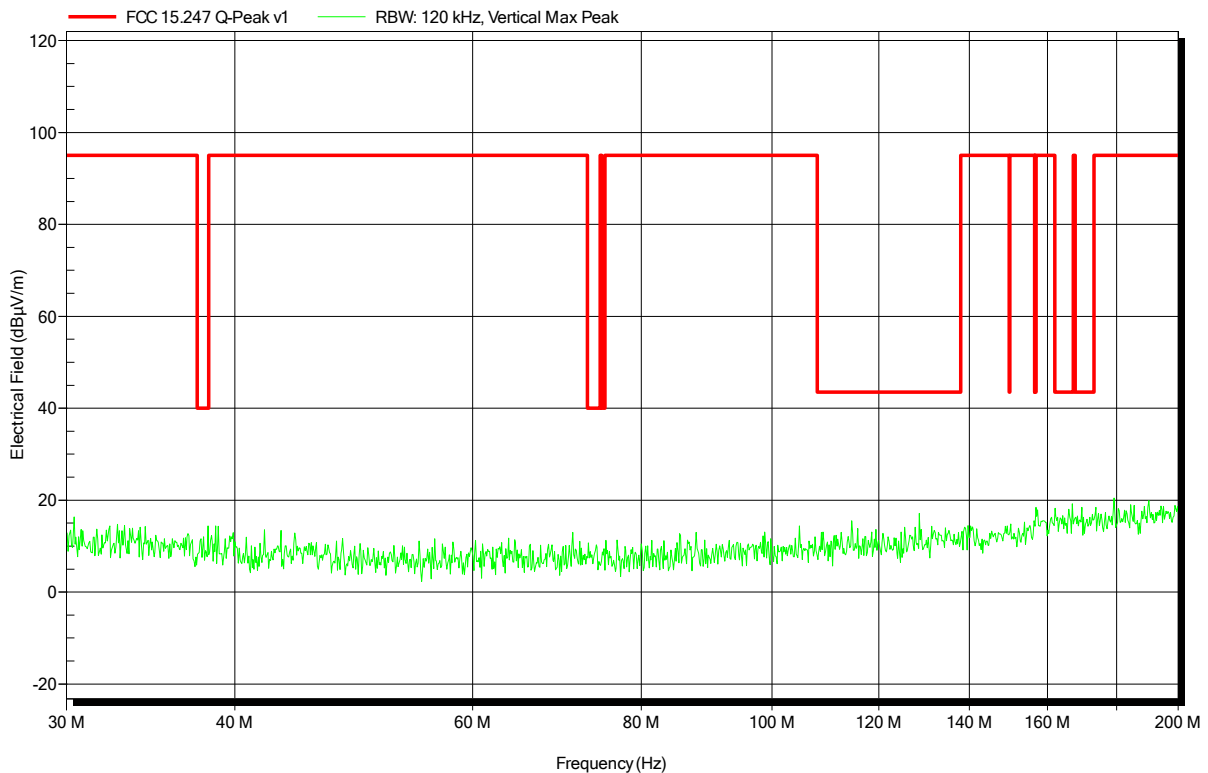


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Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HK 116, Vertical
Measurement distance:	3 m
Mode:	TX; BT-LE; CH: 19; 2440 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 79

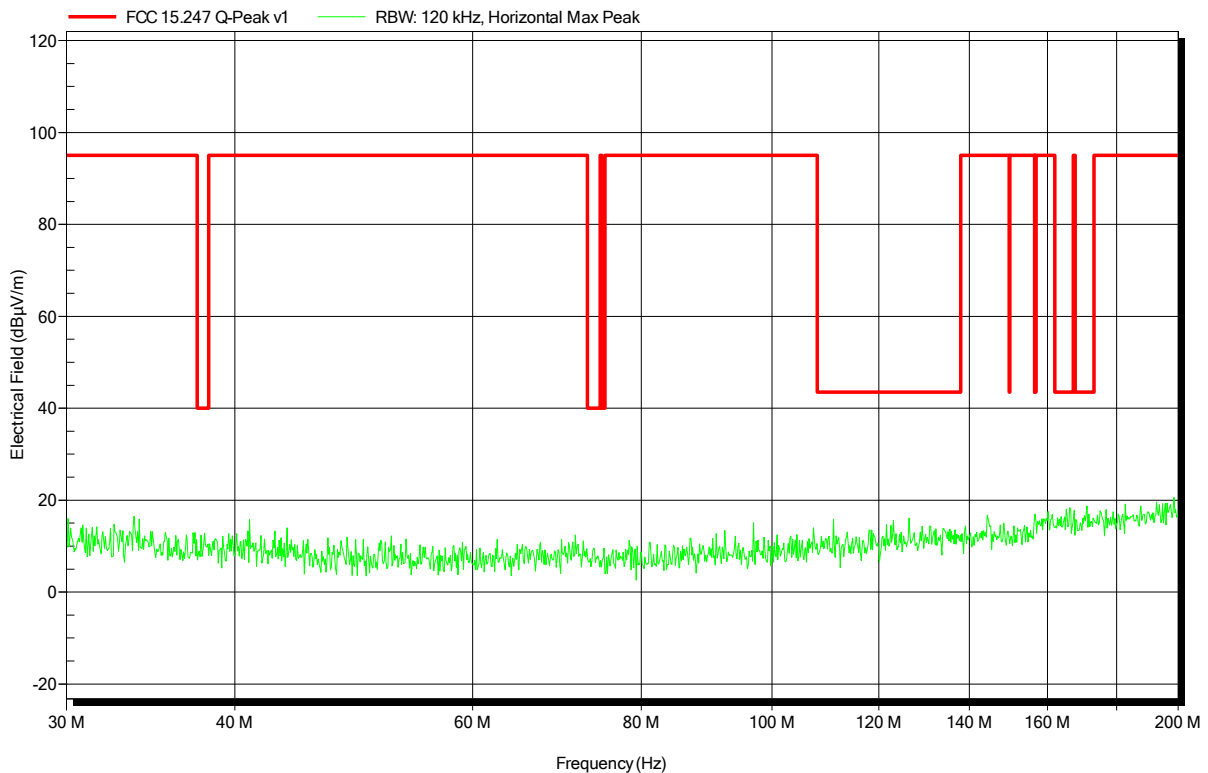


Spurious emissions according to FCC part 15 Subpart C § 15.247

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Model:	Leica Disto D1
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Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; BT-LE; CH: 19; 2440 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 78

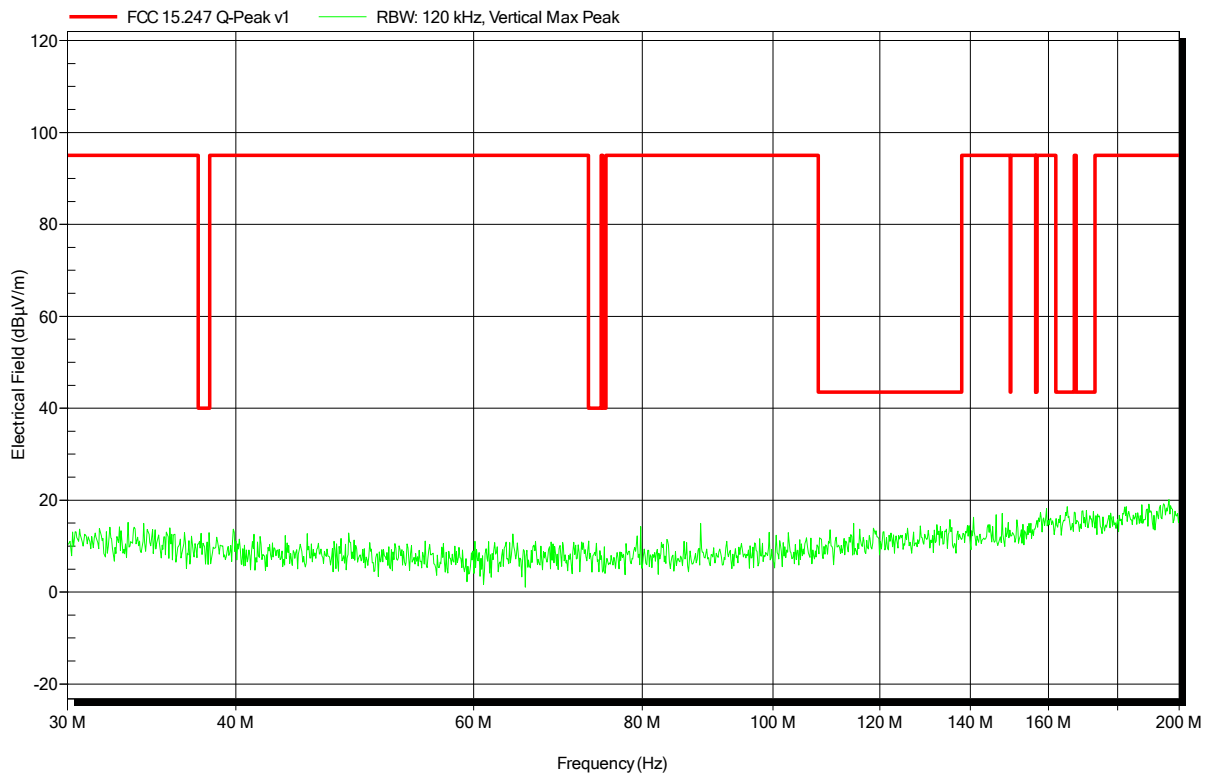


Spurious emissions according to FCC part 15 Subpart C § 15.247

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Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HK 116, Vertical
Measurement distance:	3 m
Mode:	TX; BT-LE; CH: 39; 2480 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 76

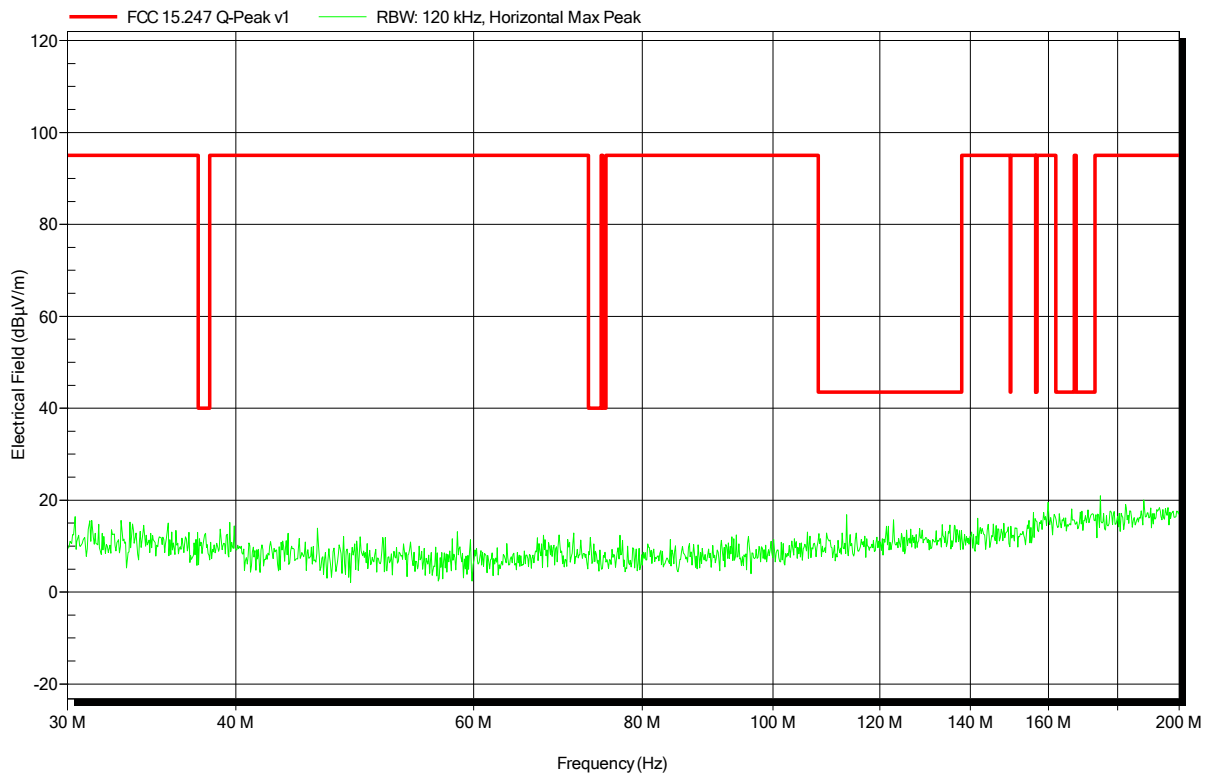


Spurious emissions according to FCC part 15 Subpart C § 15.247

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Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; BT-LE; CH: 39; 2480 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 77

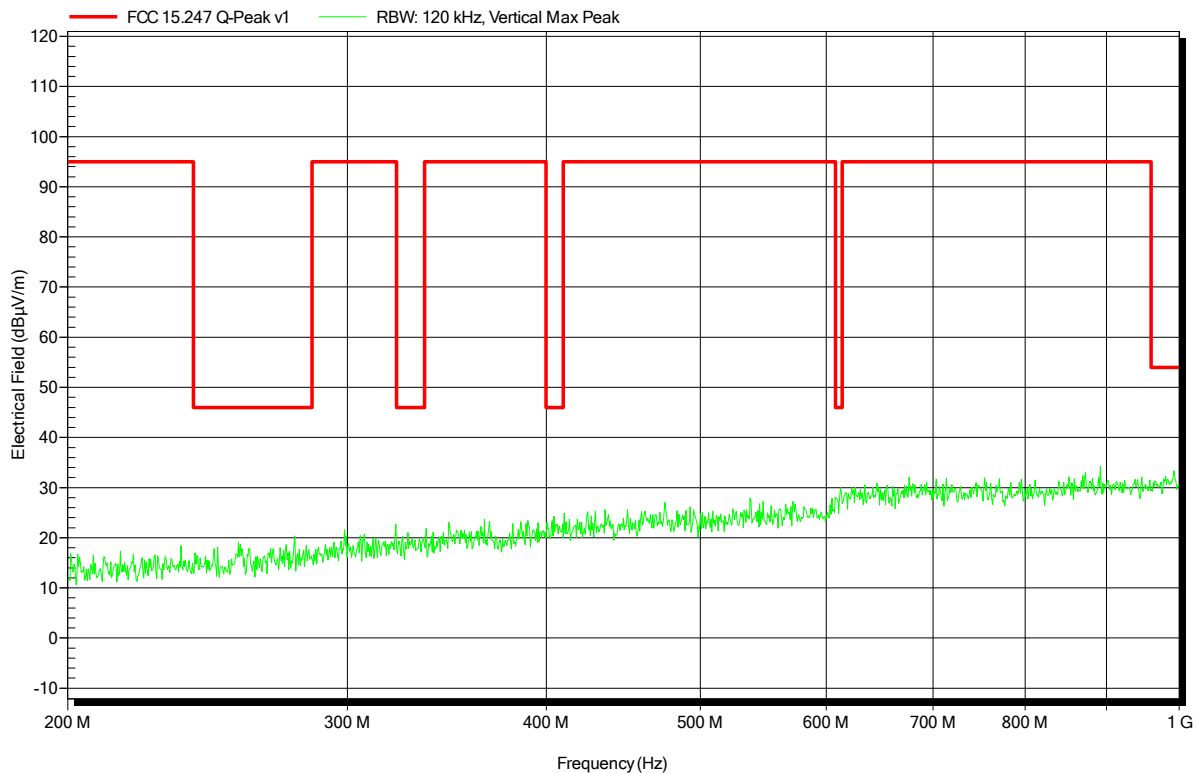


Spurious emissions according to FCC part 15 Subpart C § 15.247

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Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
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Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; BT-LE; CH: 0; 2402 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 67

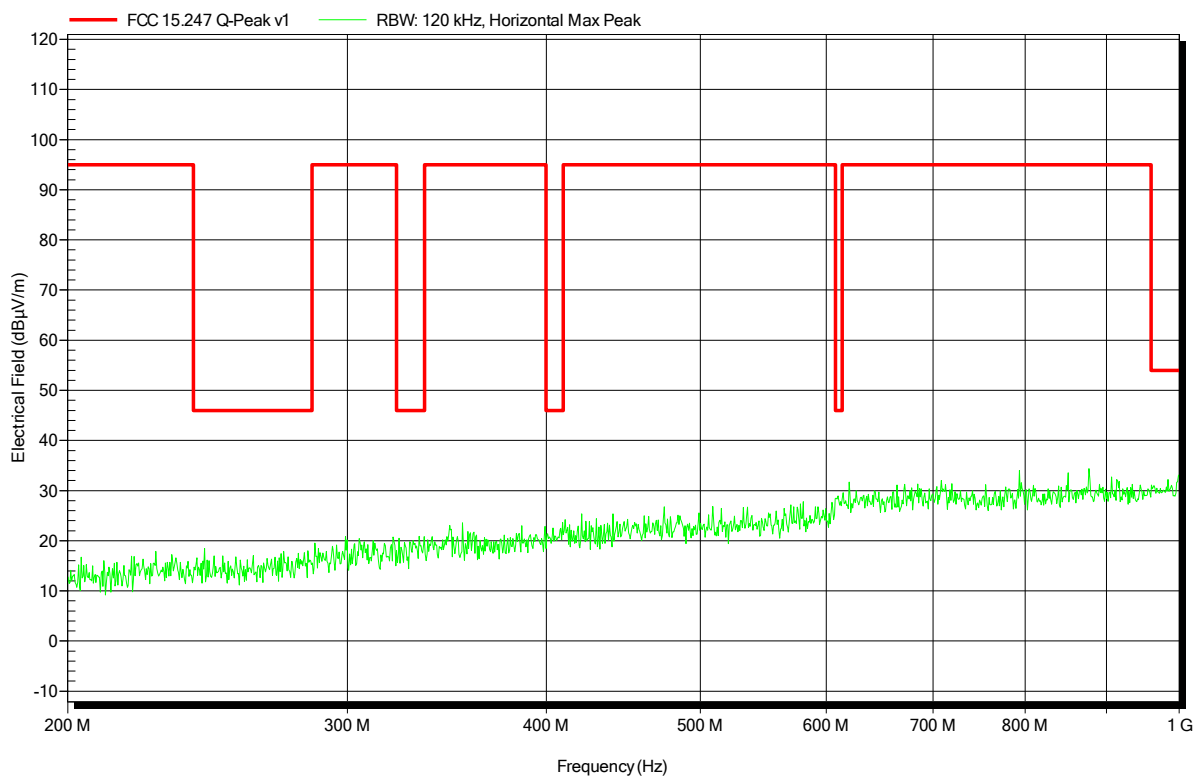


Spurious emissions according to FCC part 15 Subpart C § 15.247

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Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; BT-LE; CH: 0; 2402 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 66

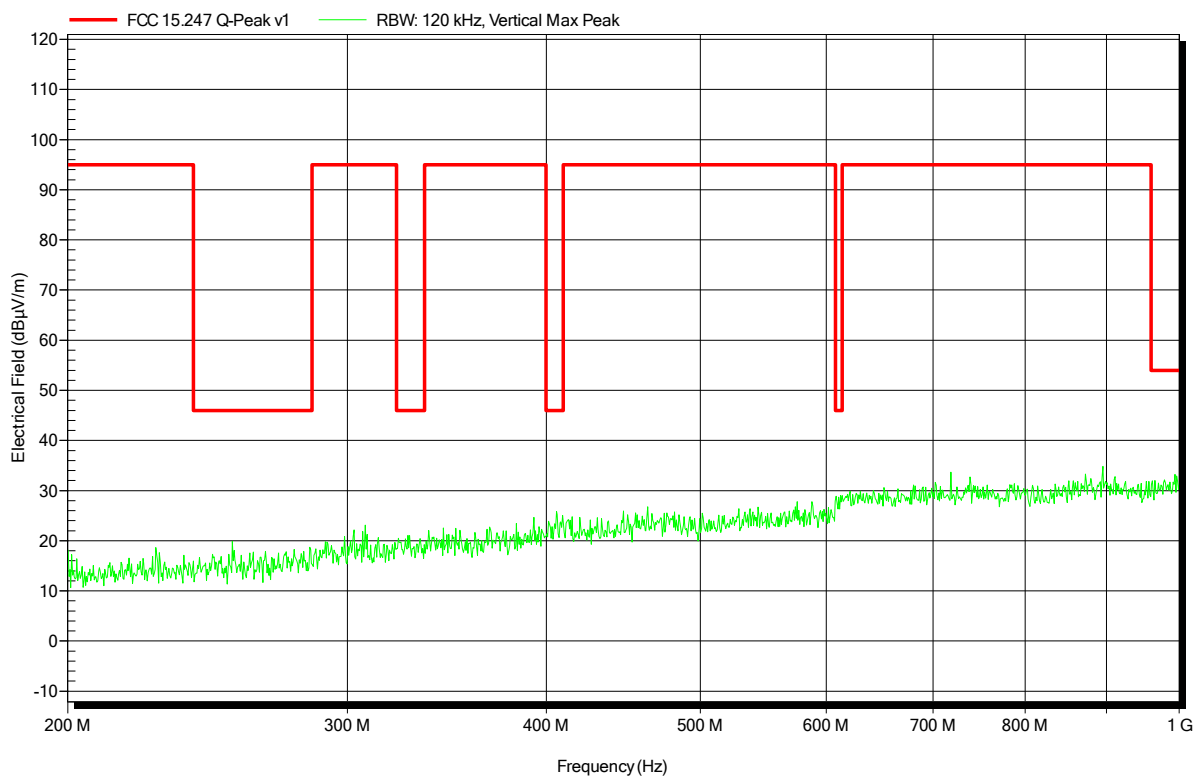


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; BT-LE; CH: 19; 2440 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 68

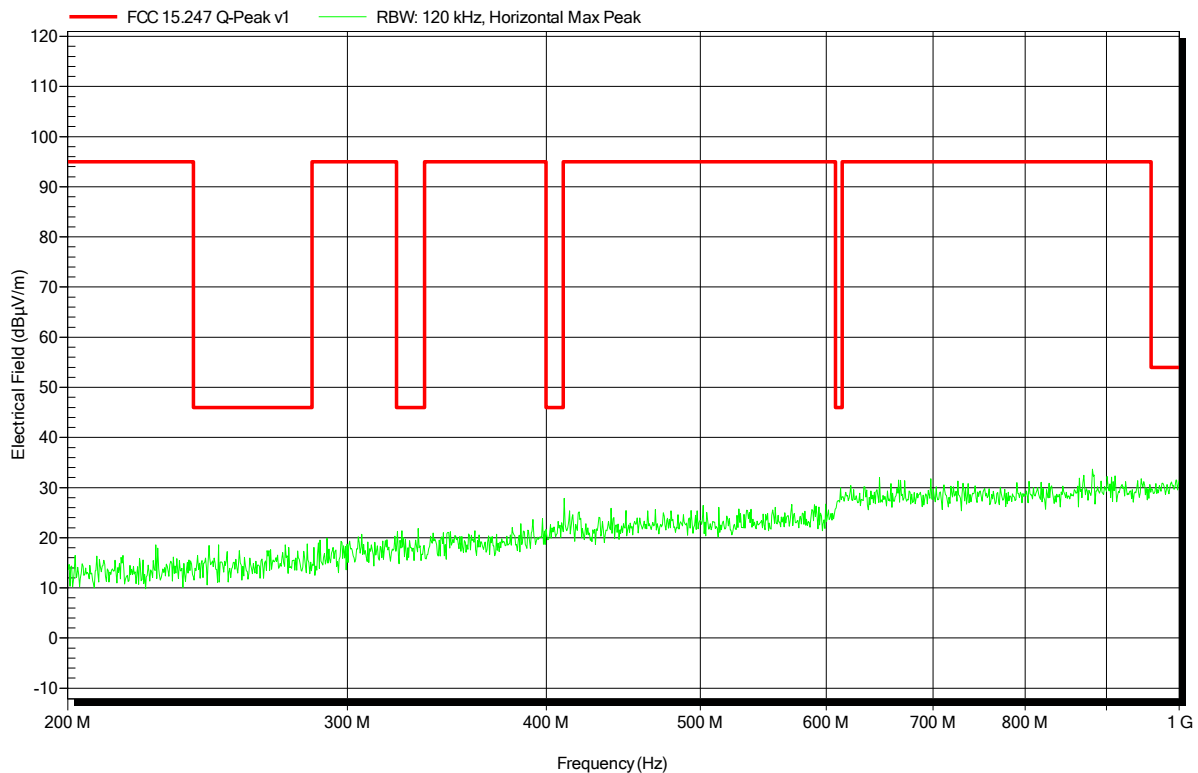


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; BT-LE; CH: 19; 2440 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 69

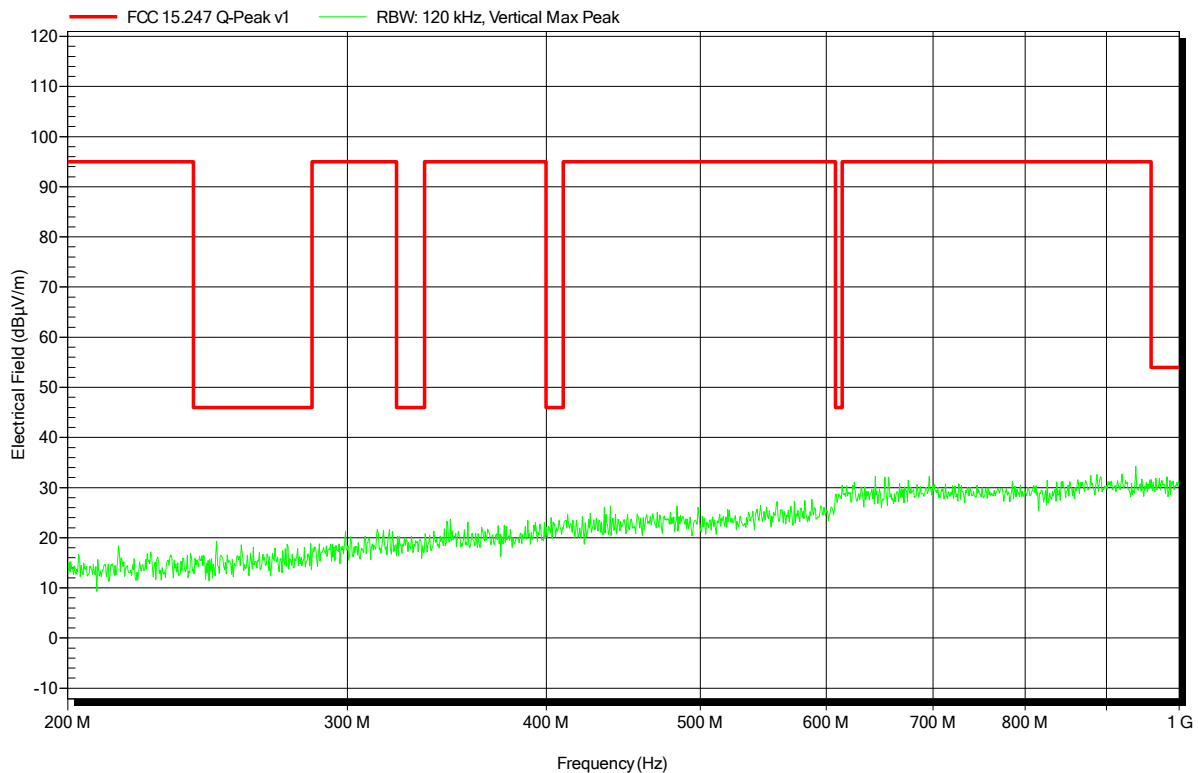


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; BT-LE; CH: 39; 2480 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 71

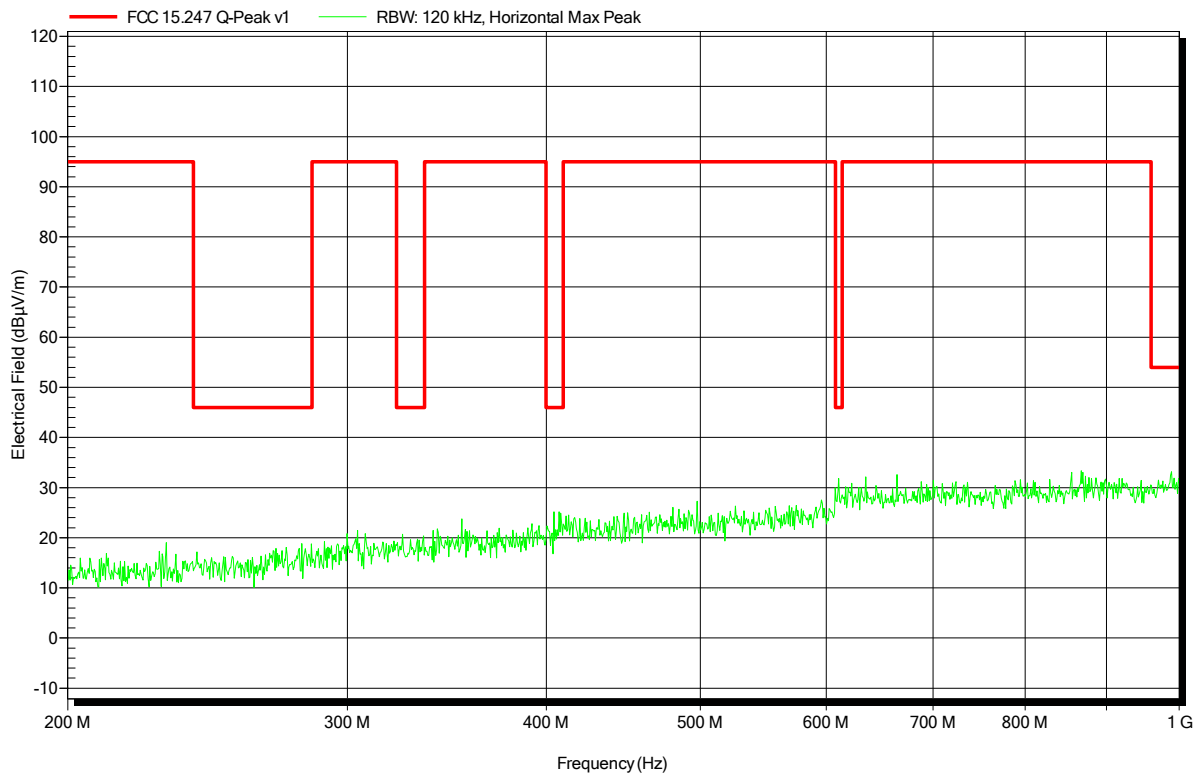


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; BT-LE; CH: 39; 2480 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 70

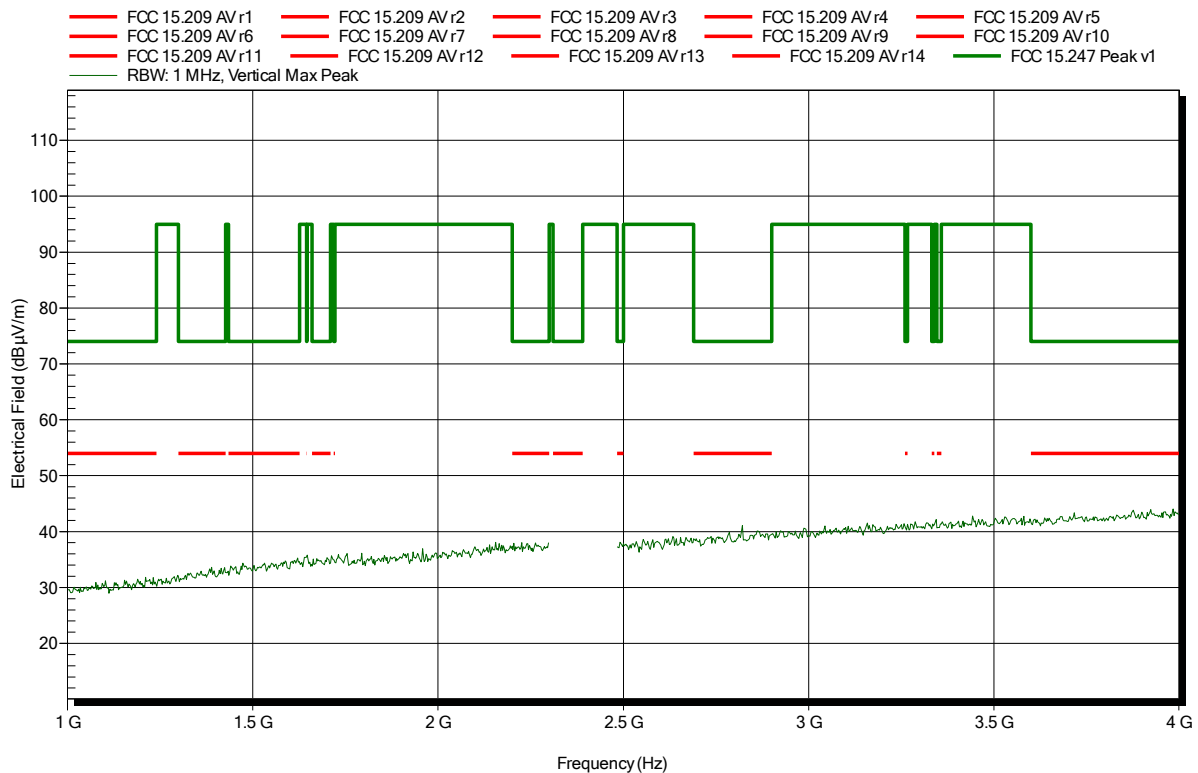


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: GOM-1607-5737

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica Disto D1
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Pudell
 Test Conditions: Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
 Antenna: Rohde & Schwarz HL 025, Vertical
 Measurement distance: 3 m
 Mode: TX; BT-LE; CH: 0; 2402 MHz; GFSK; ANT integral
 Test Date: 2016-07-26
 Note: EUT horizontal

Index 100

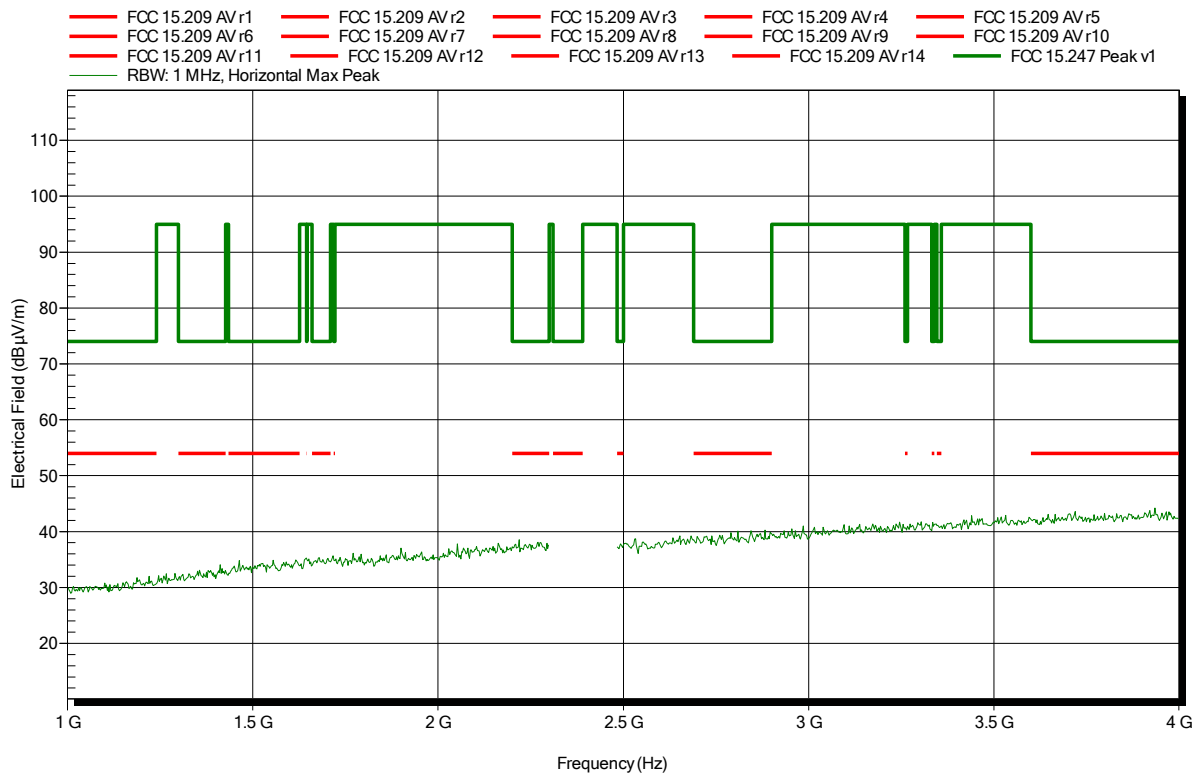


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: GOM-1607-5737

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica Disto D1
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Pudell
 Test Conditions: Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
 Antenna: Rohde & Schwarz HL 025, Horizontal
 Measurement distance: 3 m
 Mode: TX; BT-LE; CH: 0; 2402 MHz; GFSK; ANT integral
 Test Date: 2016-07-26
 Note: EUT horizontal

Index 102

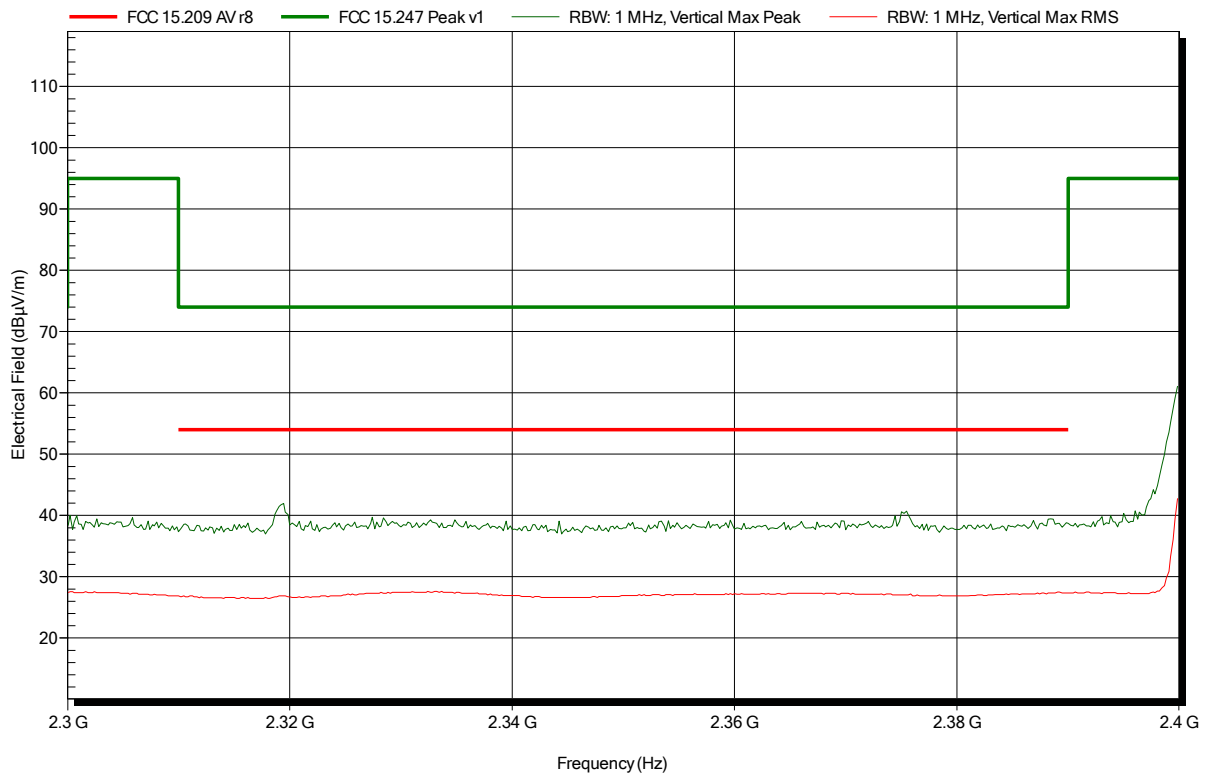


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: GOM-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 025, Vertical
Measurement distance:	3 m
Mode:	TX; BT-LE; CH: 0; 2402 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal; lower bandedge

Index 101

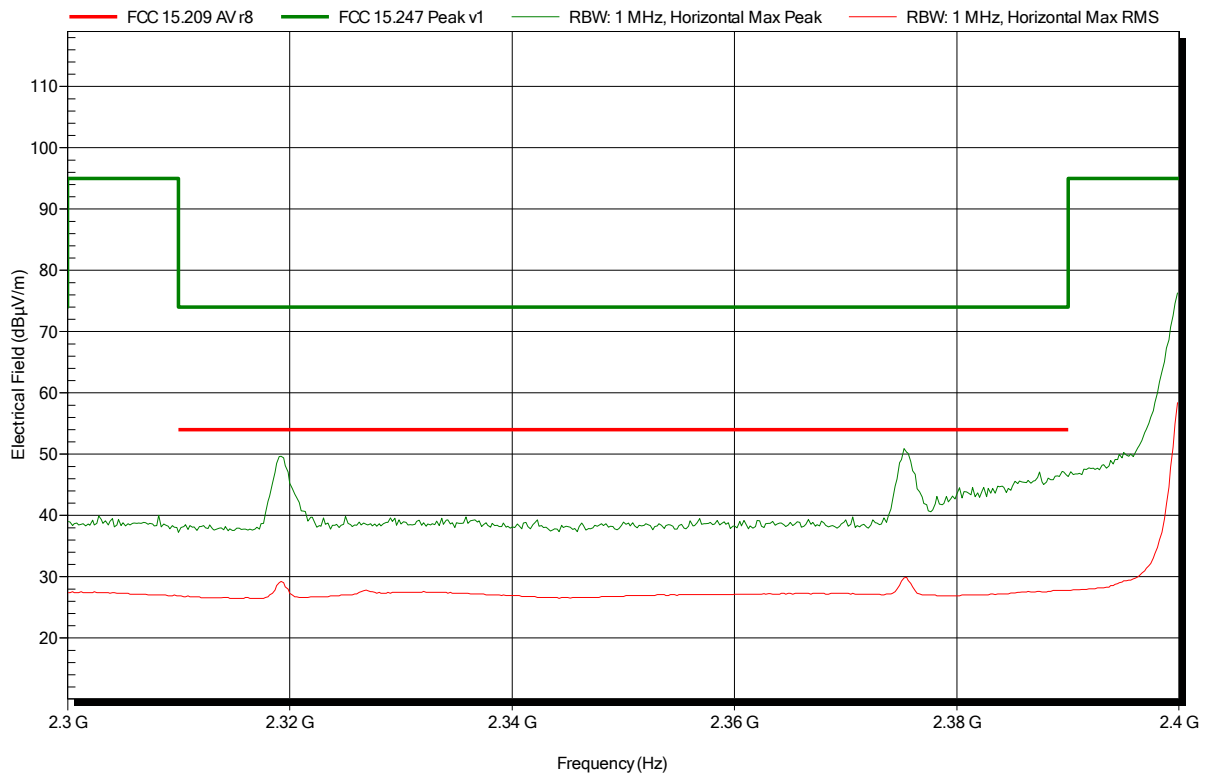


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: GOM-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 025, Horizontal
Measurement distance:	3 m
Mode:	TX; BT-LE; CH: 0; 2402 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal; lower bandedge

Index 103

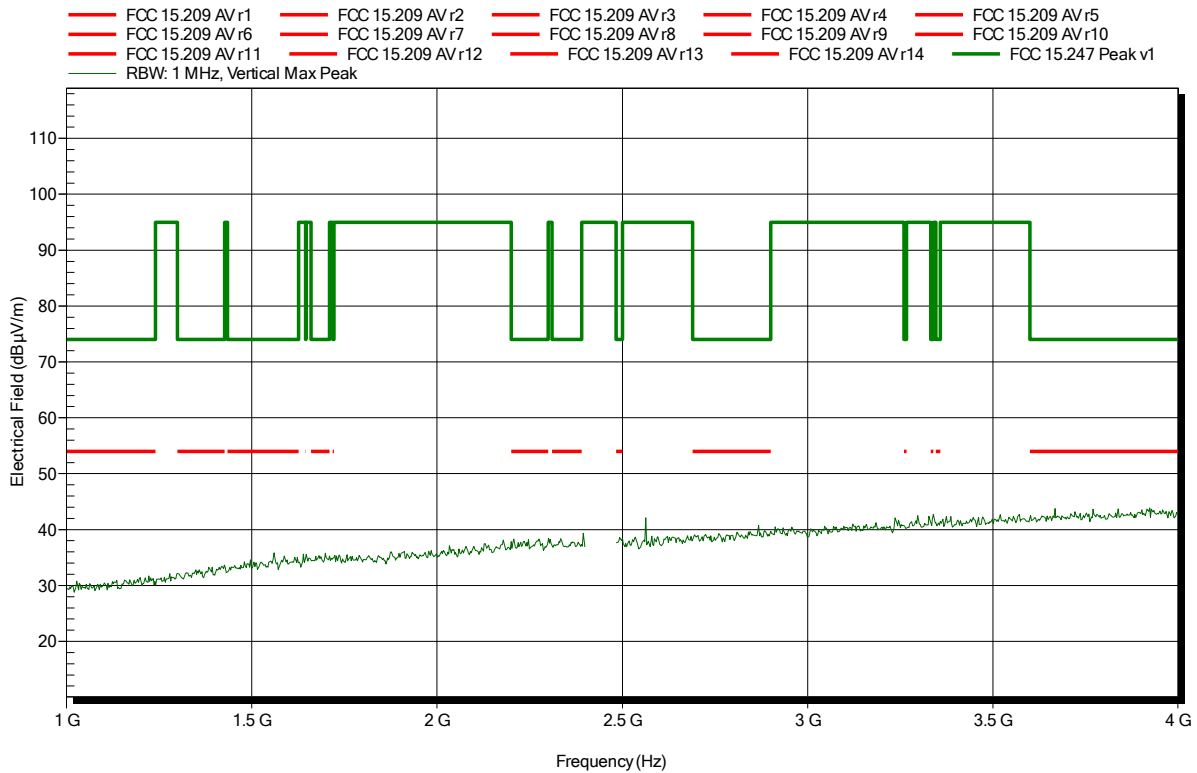


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: GOM-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 025, Vertical
Measurement distance:	3 m
Mode:	TX; BT-LE; CH: 19; 2440 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 98

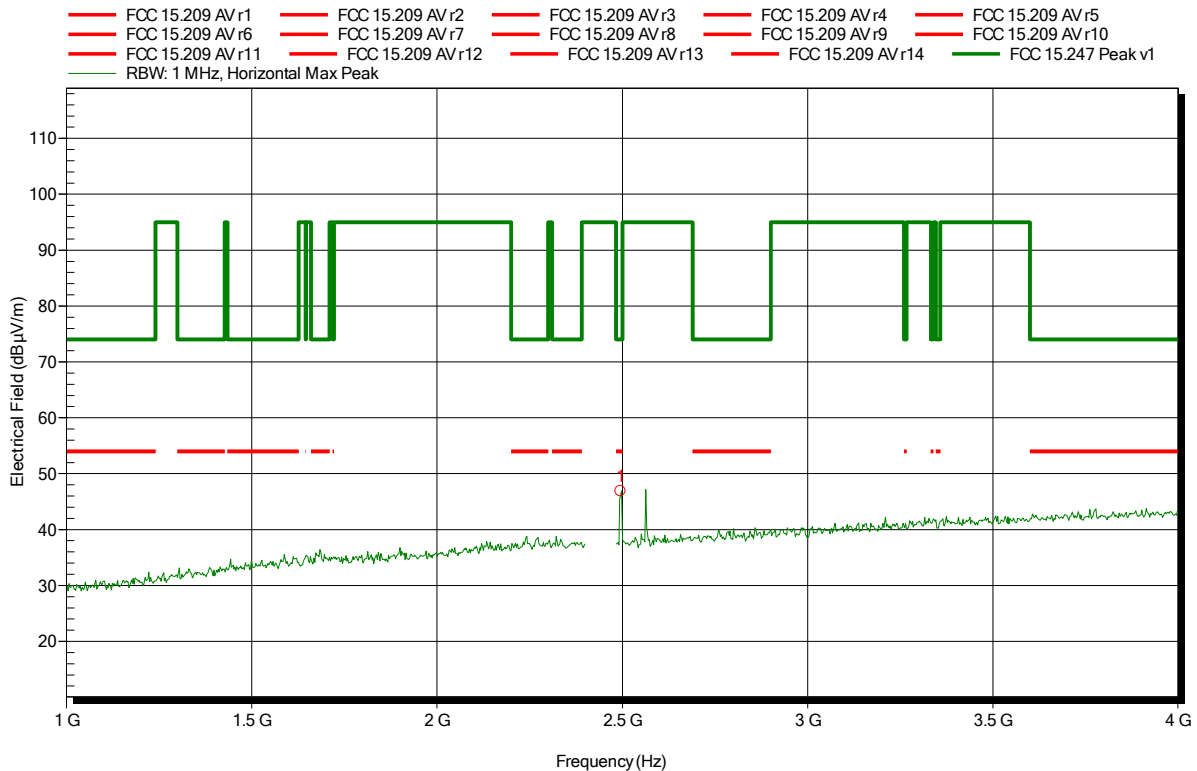


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: GOM-1607-5737

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica Disto D1
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Pudell
 Test Conditions: Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
 Antenna: Rohde & Schwarz HL 025, Horizontal
 Measurement distance: 3 m
 Mode: TX; BT-LE; CH: 19; 2440 MHz; GFSK; ANT integral
 Test Date: 2016-07-26
 Note: EUT horizontal

Index 99



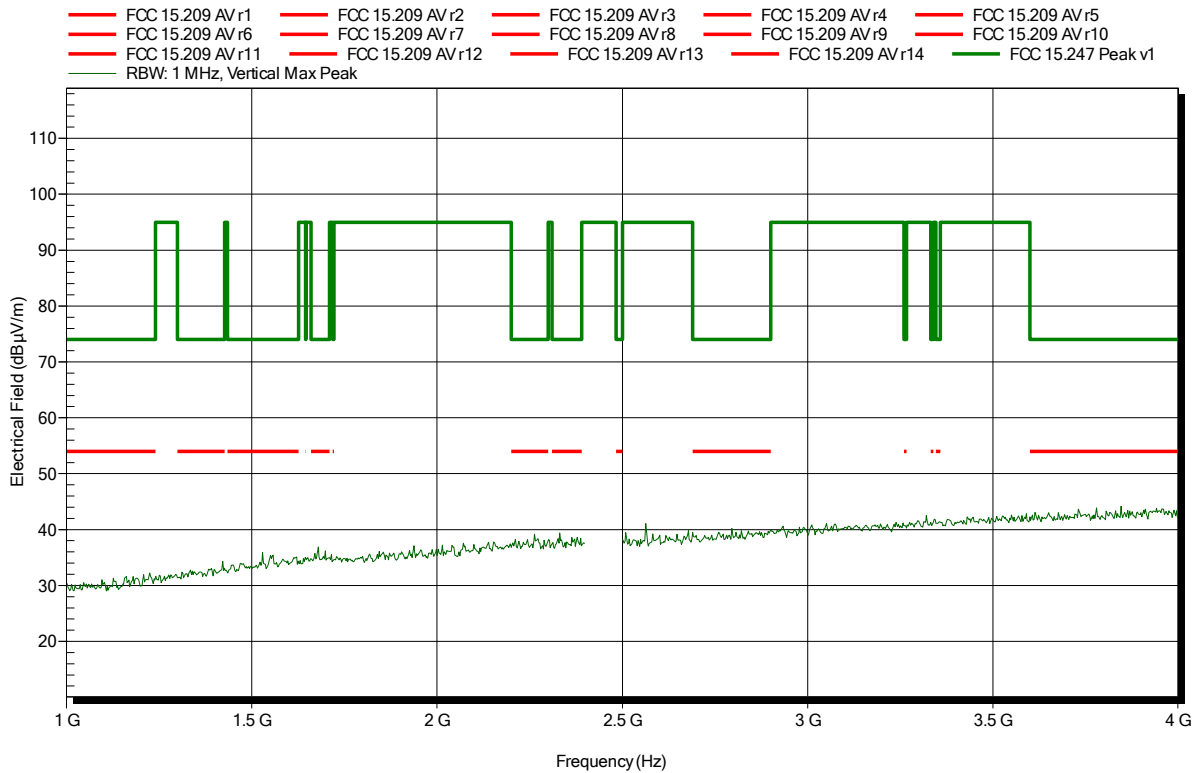
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.496 GHz	46.89 dBµV/m	74 dBµV/m	-27.11 dB	Pass

Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: GOM-1607-5737

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica Disto D1
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Pudell
 Test Conditions: Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
 Antenna: Rohde & Schwarz HL 025, Vertical
 Measurement distance: 3 m
 Mode: TX; BT-LE; CH: 39; 2480 MHz; GFSK; ANT integral
 Test Date: 2016-07-26
 Note: EUT horizontal

Index 82

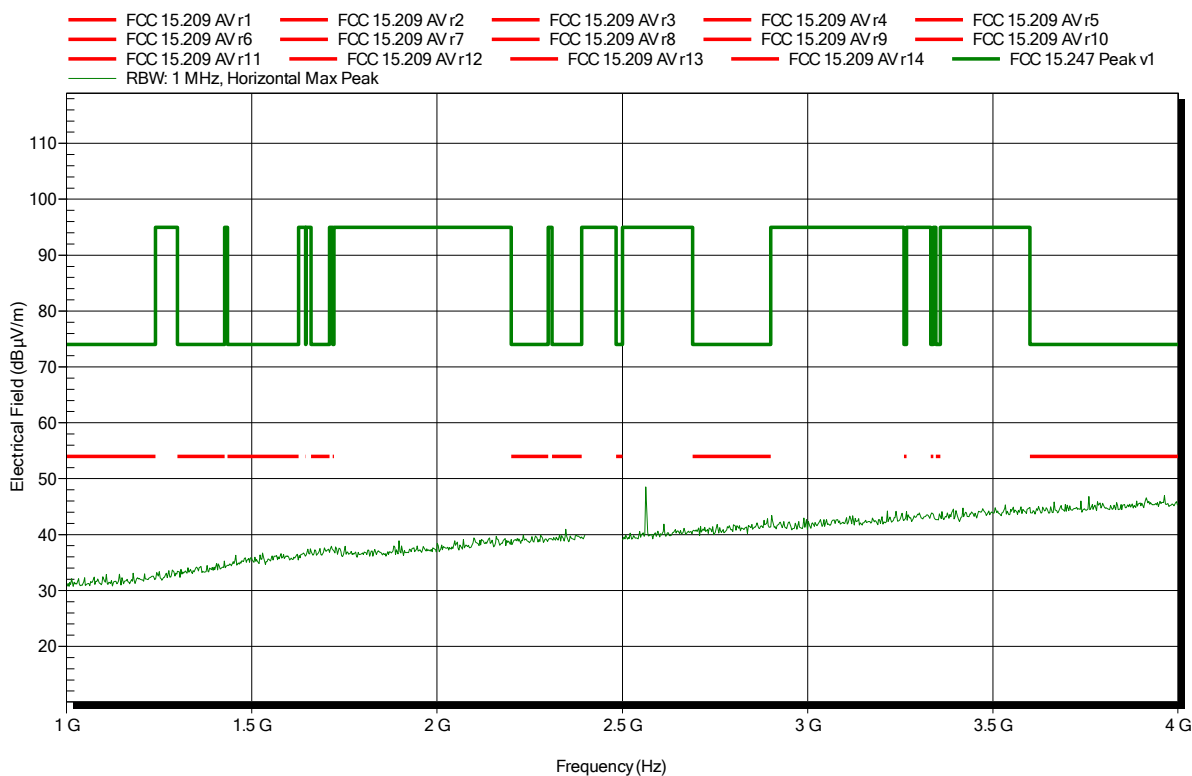


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: GOM-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 025, Horizontal
Measurement distance:	3 m
Mode:	TX; BT-LE; CH: 39; 2480 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 84

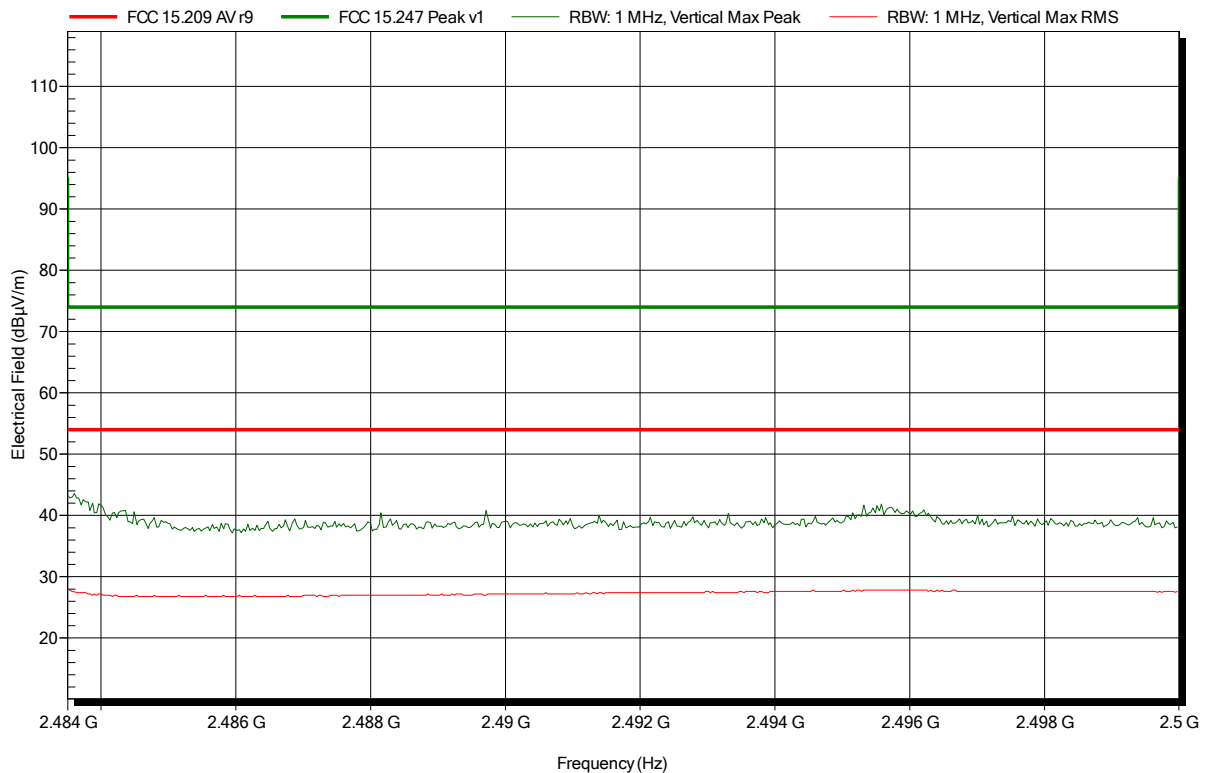


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: GOM-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 025, Vertical
Measurement distance:	3 m
Mode:	TX; BT-LE; CH: 39; 2480 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal; higher bandedge

Index 83

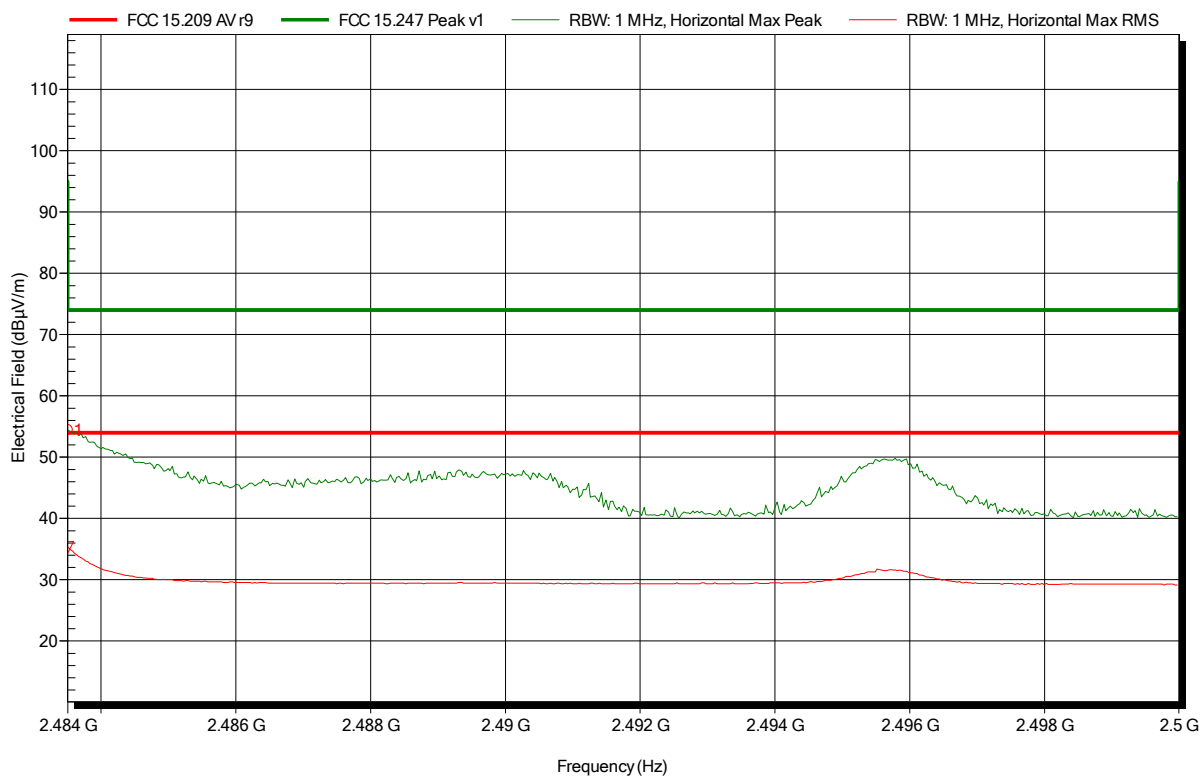


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1607-5737

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica Disto D1
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Pudell
 Test Conditions: Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
 Antenna: Rohde & Schwarz HL 025, Horizontal
 Measurement distance: 3 m
 Mode: TX; BT-LE; CH: 39; 2480 MHz; GFSK; ANT integral
 Test Date: 2016-07-26
 Note: EUT horizontal; higher bandedge

Index 85



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.484 GHz	54.41 dBµV/m	74 dBµV/m	-19.59 dB	Pass

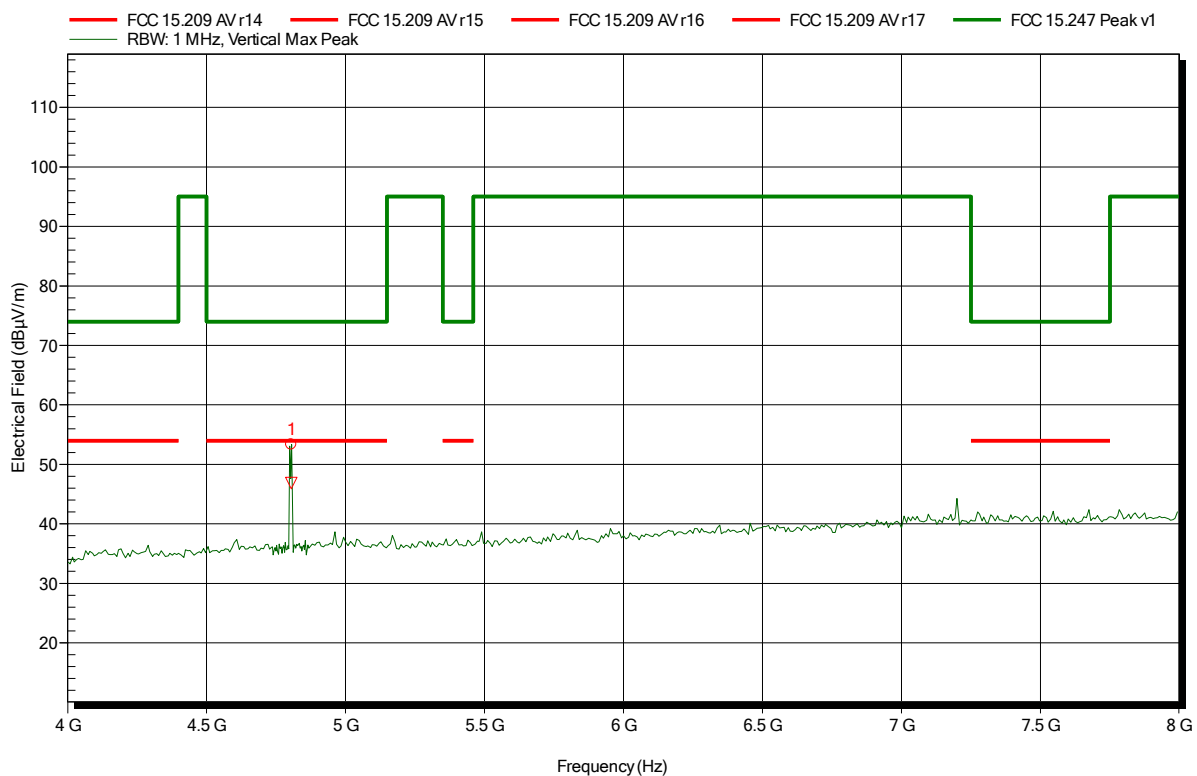
Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.484 GHz	35.29 dBµV/m	54 dBµV/m	-18.71 dB	Pass

Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: GOM-1607-5737

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica Disto D1
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Pudell
 Test Conditions: Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
 Antenna: Rohde & Schwarz HL 025, Vertical
 Measurement distance: 1 m converted to 3m
 Mode: TX; BT-LE; CH: 0; 2402 MHz; GFSK; ANT integral
 Test Date: 2016-07-26
 Note: EUT horizontal

Index 109



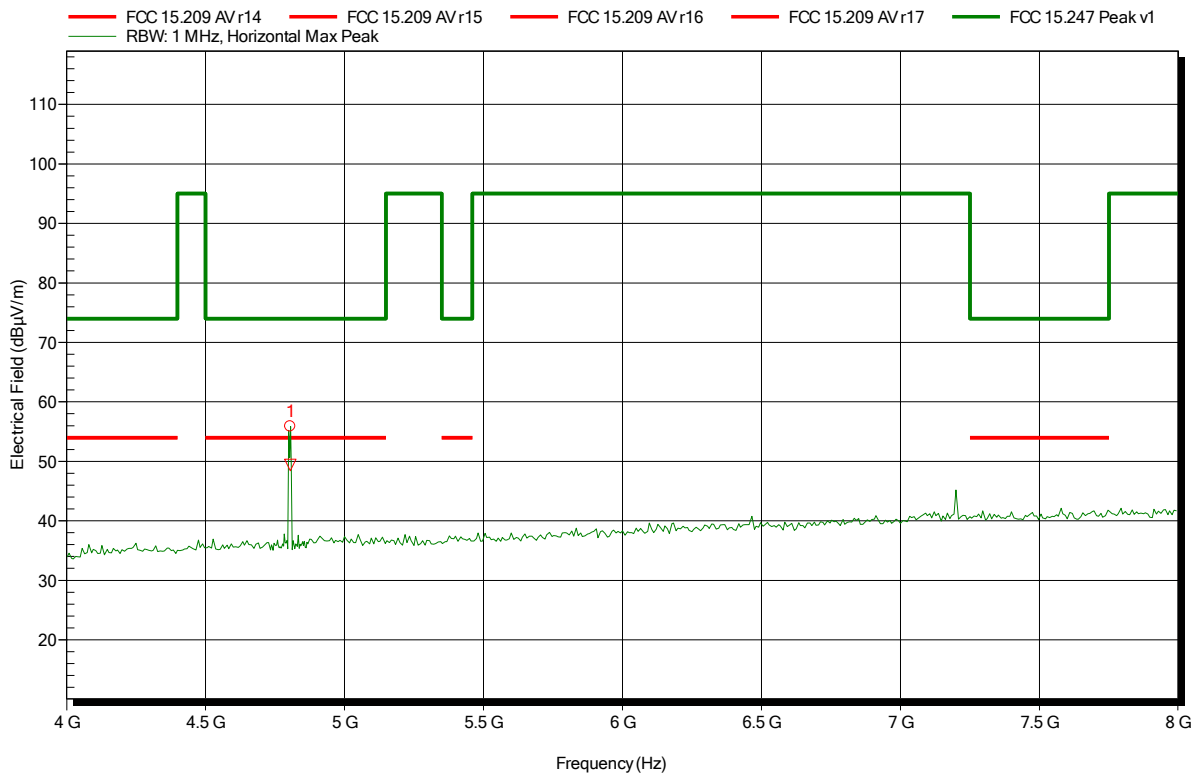
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.805 GHz	53.31 dBµV/m	74 dBµV/m	-20.69 dB	Pass
Frequency	RMS	RMS Limit	RMS Difference	RMS Status
4.805 GHz	46.87 dBµV/m	54 dBµV/m	-7.13 dB	Pass

Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: GOM-1607-5737

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica Disto D1
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Pudell
 Test Conditions: Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
 Antenna: Rohde & Schwarz HL 025, Horizontal
 Measurement distance: 1 m converted to 3m
 Mode: TX; BT-LE; CH: 0; 2402 MHz; GFSK; ANT integral
 Test Date: 2016-07-26
 Note: EUT horizontal

Index 104



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.805 GHz	55.87 dBµV/m	74 dBµV/m	-18.13 dB	Pass
Frequency	RMS	RMS Limit	RMS Difference	RMS Status
4.805 GHz	49.4 dBµV/m	54 dBµV/m	-4.6 dB	Pass

Test Report No.: GOM-1607-5737-TFC247BL-V01

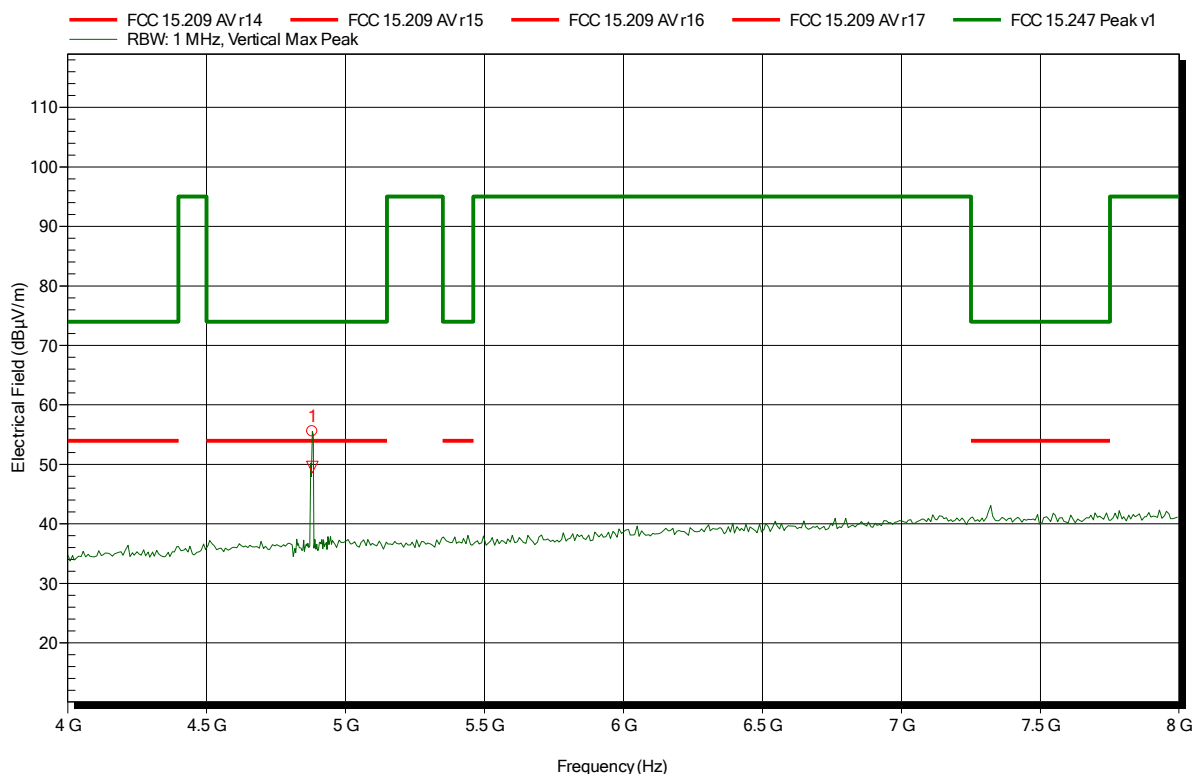
 Eurofins Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: GOM-1607-5737

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica Disto D1
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Pudell
 Test Conditions: Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
 Antenna: Rohde & Schwarz HL 025, Vertical
 Measurement distance: 1 m converted to 3m
 Mode: TX; BT-LE; CH: 19; 2440 MHz; GFSK; ANT integral
 Test Date: 2016-07-26
 Note: EUT horizontal

Index 97



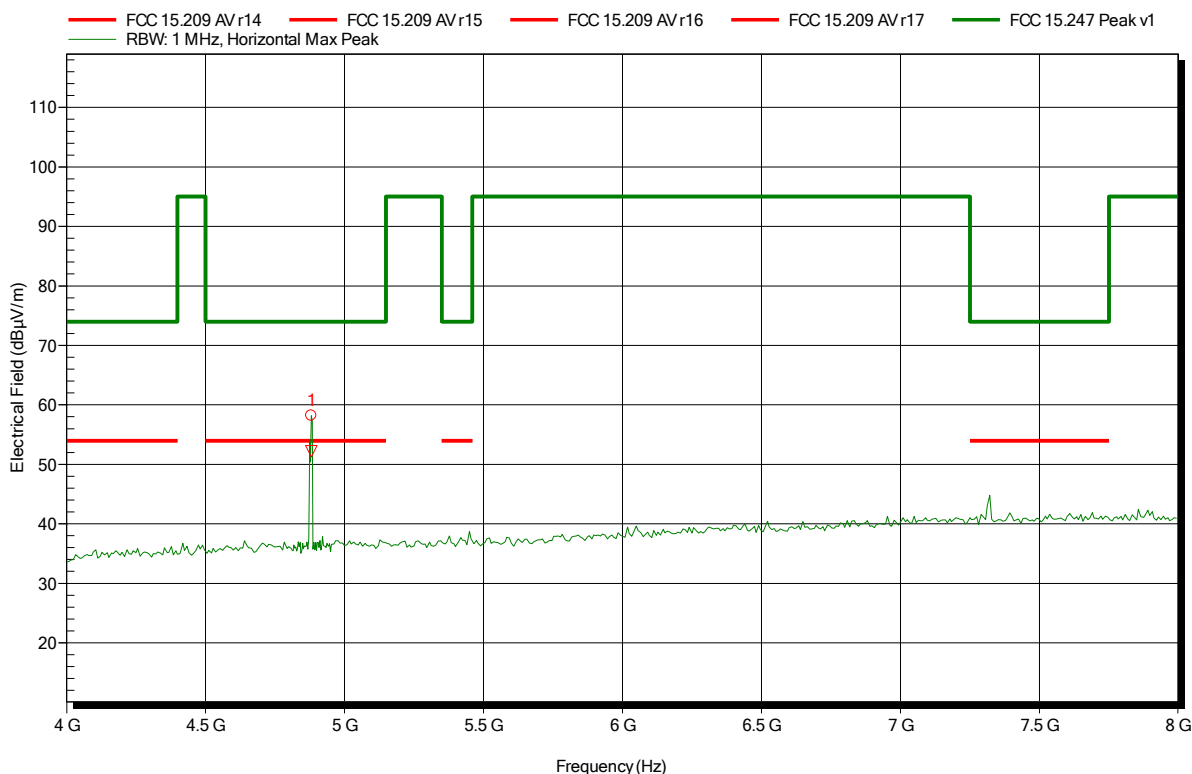
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.881 GHz	55.53 dBµV/m	74 dBµV/m	-18.47 dB	Pass
Frequency	RMS	RMS Limit	RMS Difference	RMS Status
4.881 GHz	49.54 dBµV/m	54 dBµV/m	-4.46 dB	Pass

Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1607-5737

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica Disto D1
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Pudell
 Test Conditions: Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
 Antenna: Rohde & Schwarz HL 025, Horizontal
 Measurement distance: 1 m converted to 3m
 Mode: TX; BT-LE; CH: 19; 2440 MHz; GFSK; ANT integral
 Test Date: 2016-07-26
 Note: EUT horizontal

Index 92



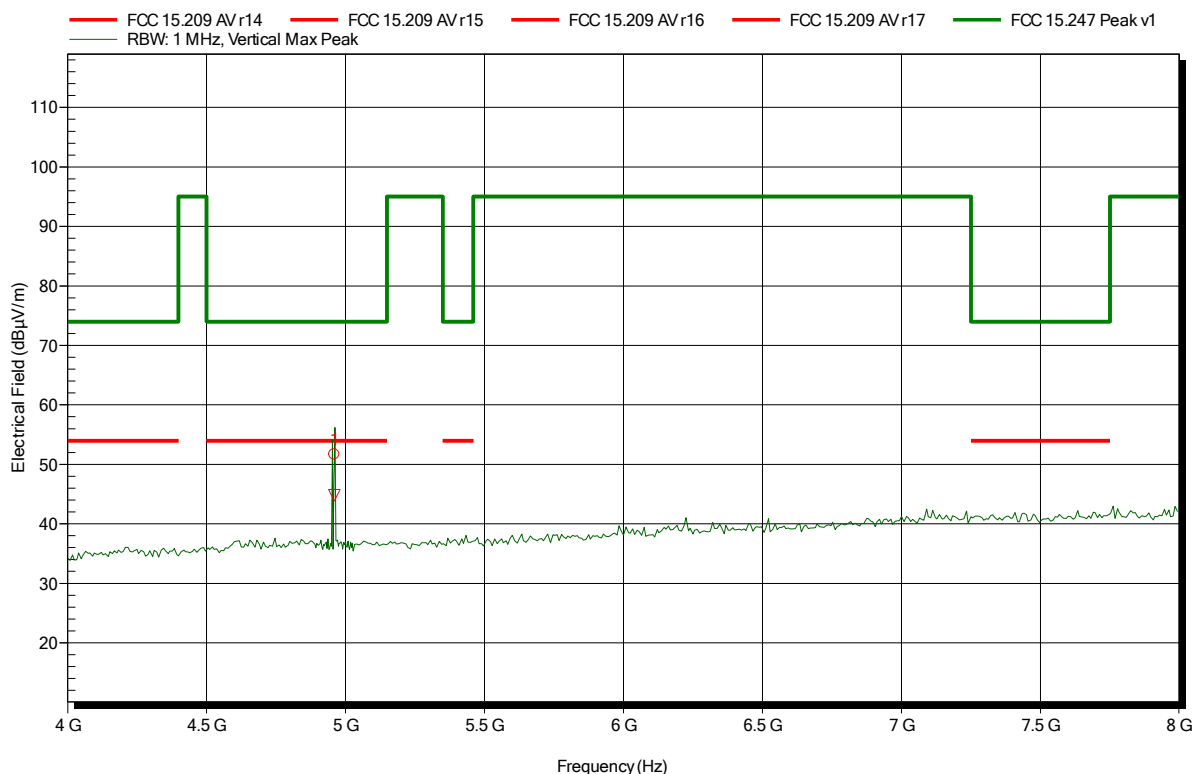
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.881 GHz	58.2 dBµV/m	74 dBµV/m	-15.8 dB	Pass
Frequency	RMS	RMS Limit	RMS Difference	RMS Status
4.881 GHz	52.18 dBµV/m	54 dBµV/m	-1.82 dB	Pass

Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1607-5737

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica Disto D1
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Pudell
 Test Conditions: Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
 Antenna: Rohde & Schwarz HL 025, Vertical
 Measurement distance: 1 m converted to 3m
 Mode: TX; BT-LE; CH: 39; 2480 MHz; GFSK; ANT integral
 Test Date: 2016-07-26
 Note: EUT horizontal

Index 86



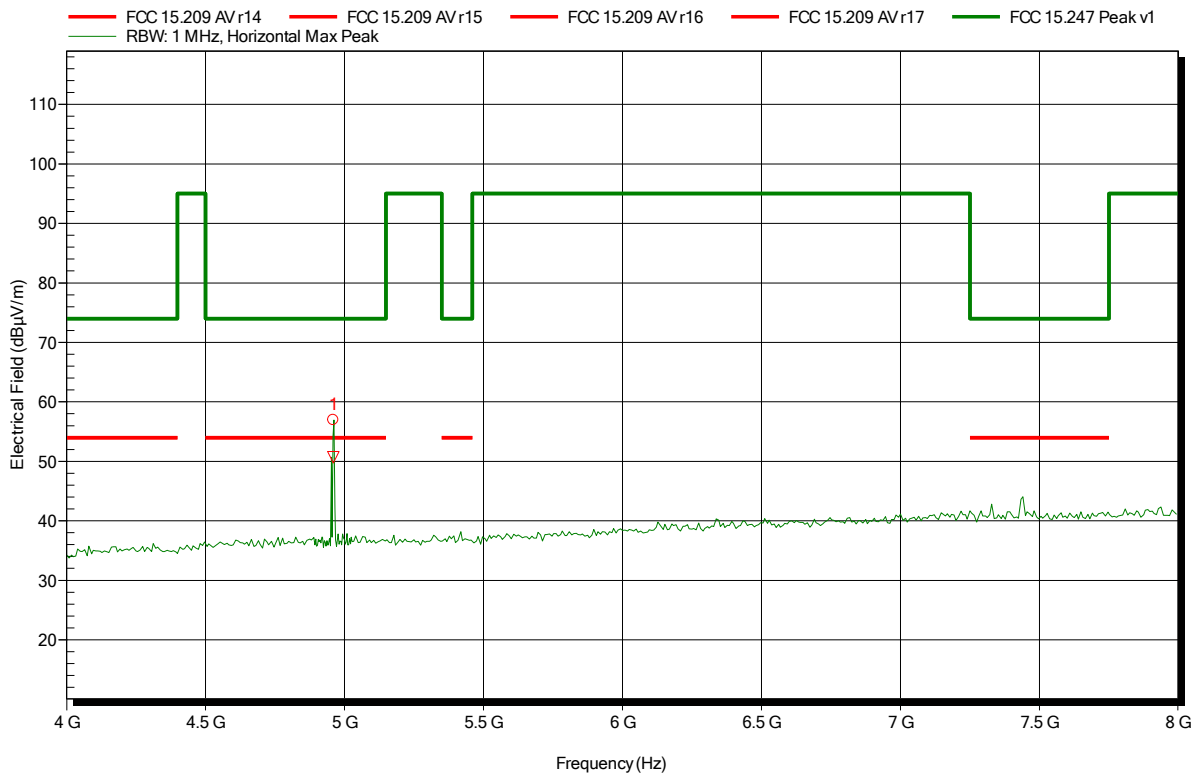
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.961 GHz	51.64 dBµV/m	74 dBµV/m	-22.36 dB	Pass
Frequency	RMS	RMS Limit	RMS Difference	RMS Status
4.961 GHz	44.81 dBµV/m	54 dBµV/m	-9.19 dB	Pass

Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1607-5737

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica Disto D1
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Pudell
 Test Conditions: Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
 Antenna: Rohde & Schwarz HL 025, Horizontal
 Measurement distance: 1 m converted to 3m
 Mode: TX; BT-LE; CH: 39; 2480 MHz; GFSK; ANT integral
 Test Date: 2016-07-26
 Note: EUT horizontal

Index 91



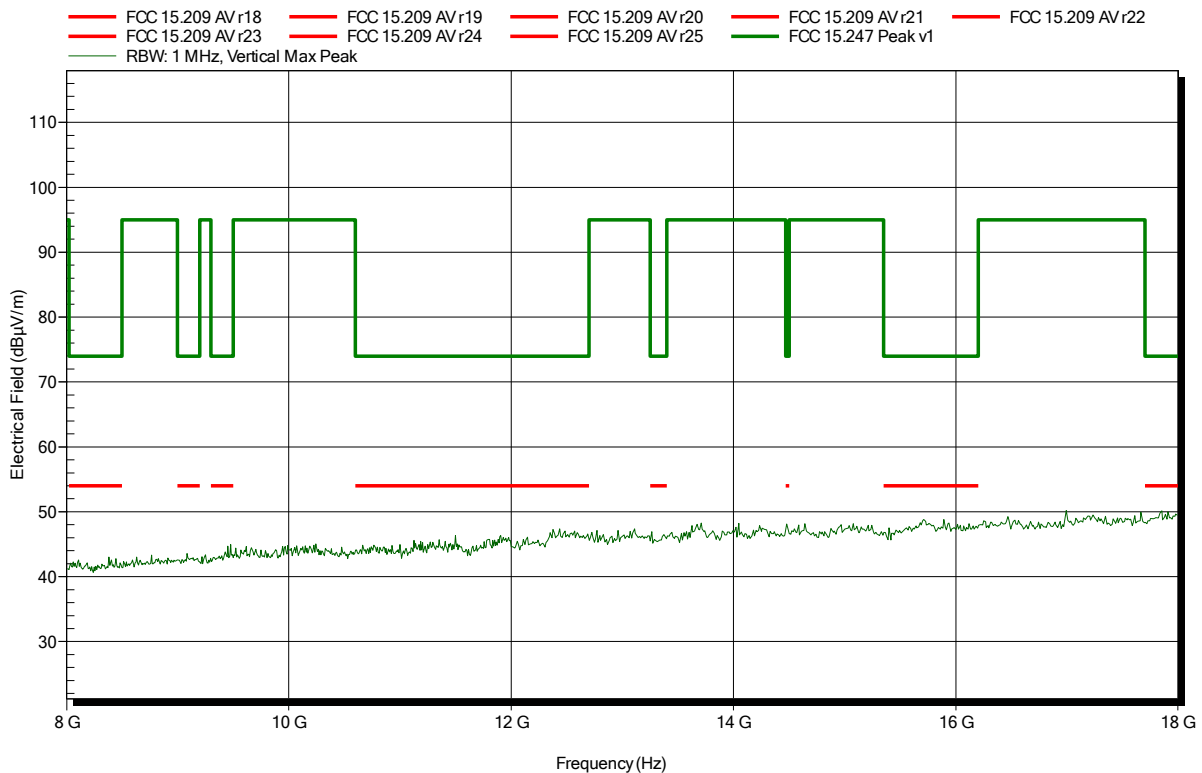
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.961 GHz	56.95 dBµV/m	74 dBµV/m	-17.05 dB	Pass
Frequency	RMS	RMS Limit	RMS Difference	RMS Status
4.961 GHz	50.68 dBµV/m	54 dBµV/m	-3.32 dB	Pass

Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: GOM-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 025, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT-LE; CH: 0; 2402 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 108

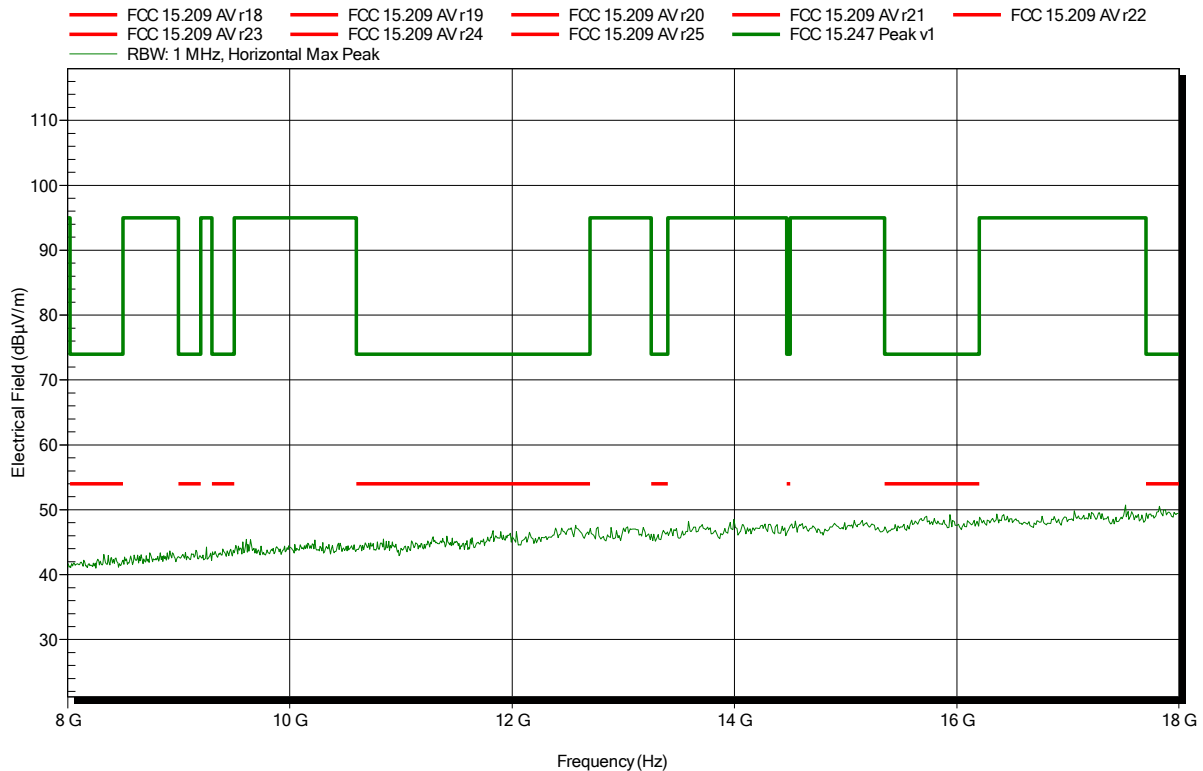


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: GOM-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 025, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT-LE; CH: 0; 2402 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 105

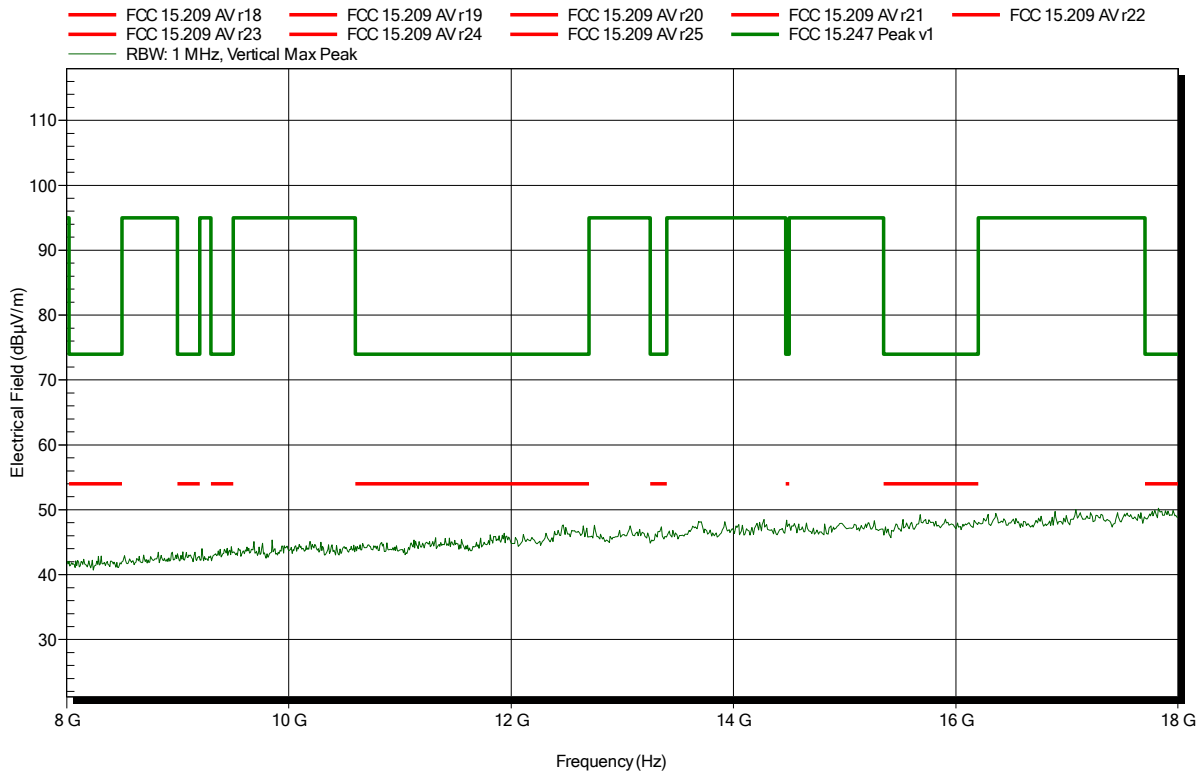


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: GOM-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 025, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT-LE; CH: 19; 2440 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 96

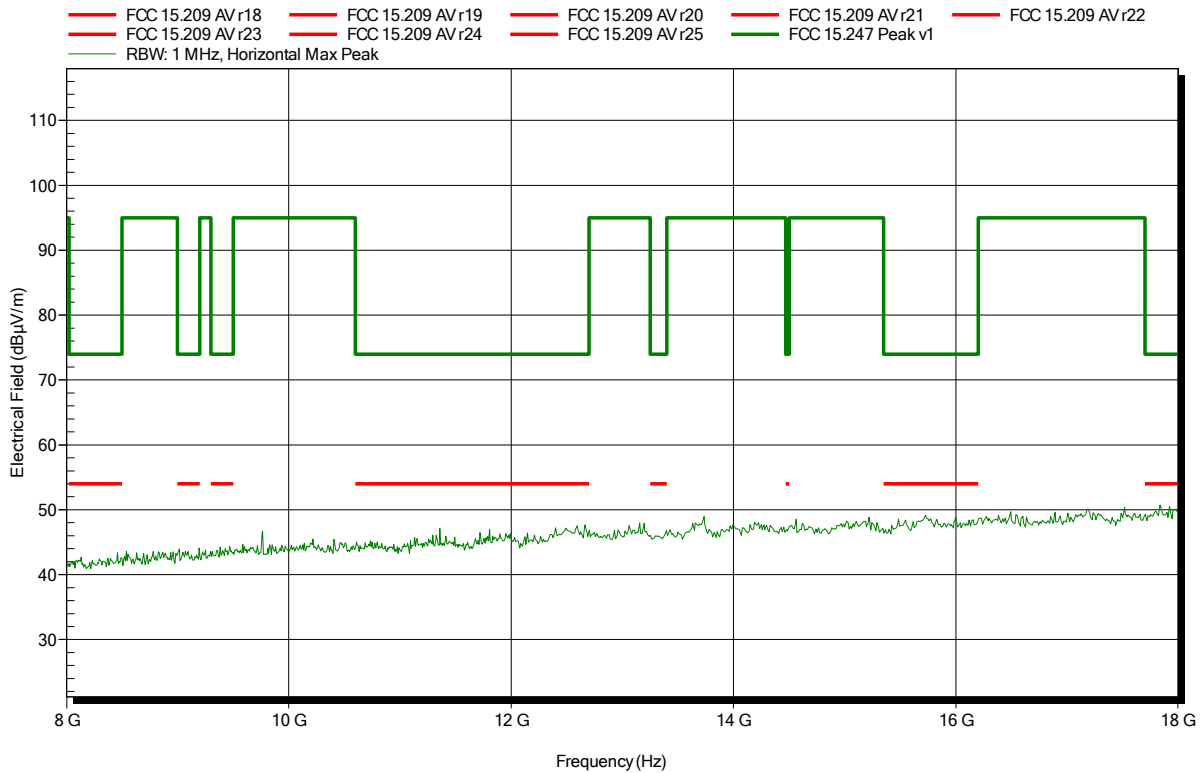


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: GOM-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 025, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT-LE; CH: 19; 2440 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 93

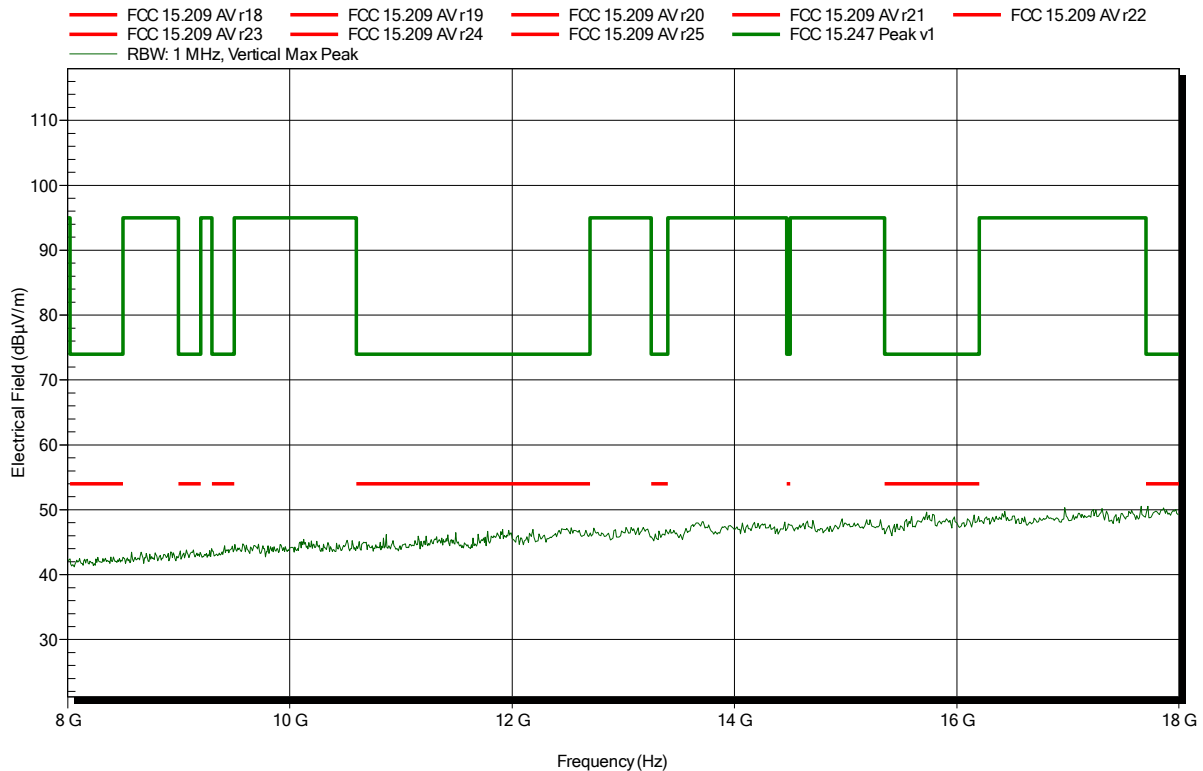


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: GOM-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 025, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT-LE; CH: 39; 2480 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 87

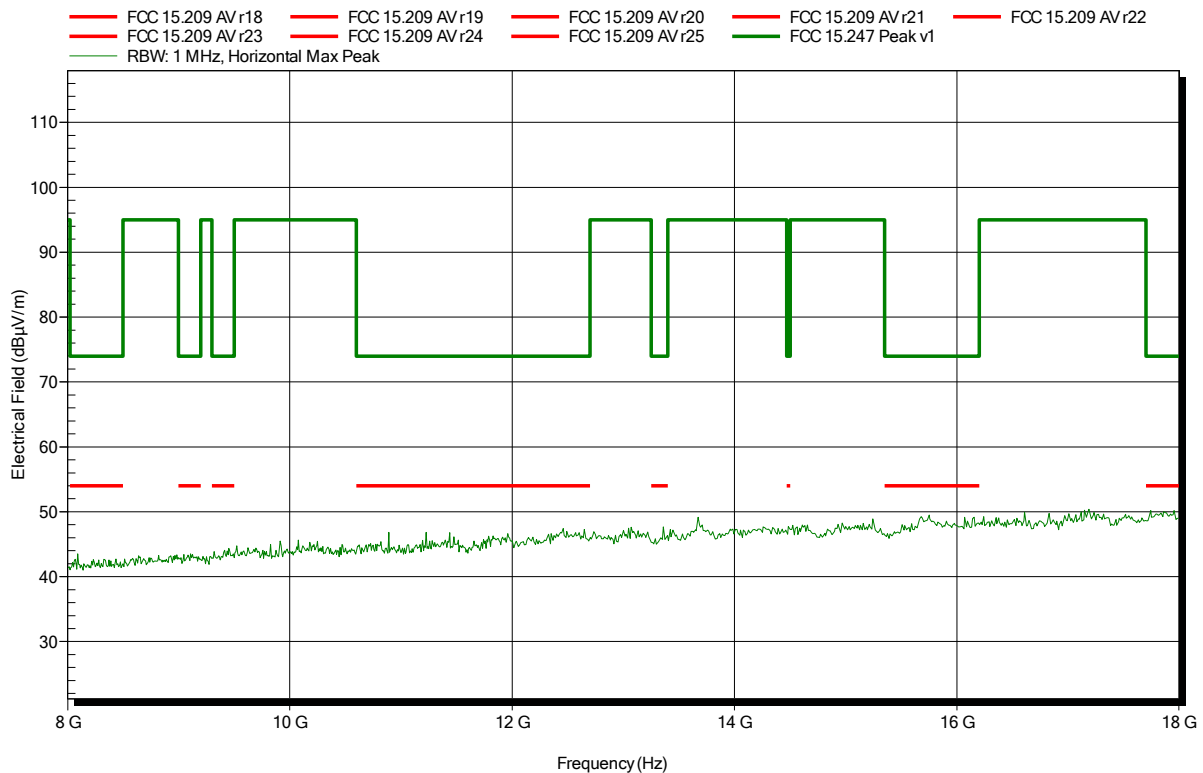


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: GOM-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 025, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT-LE; CH: 39; 2480 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 90

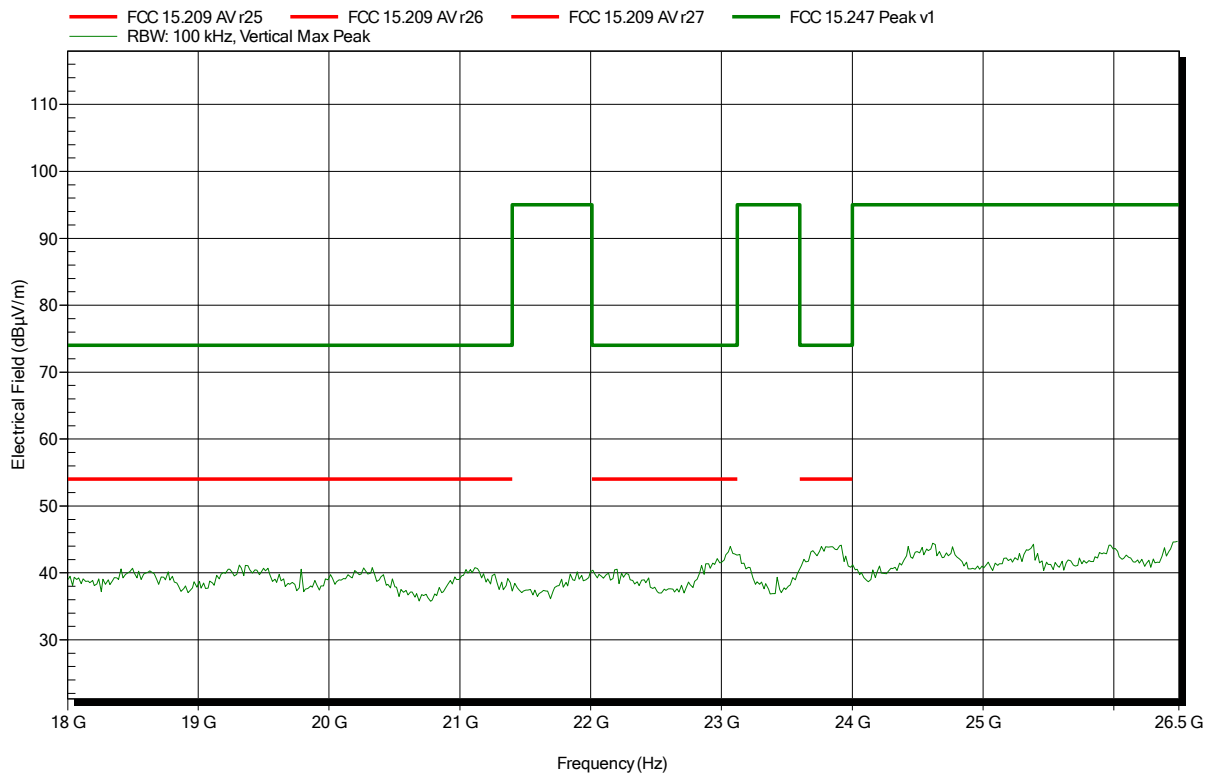


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 025, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT-LE; CH: 0; 2402 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 107

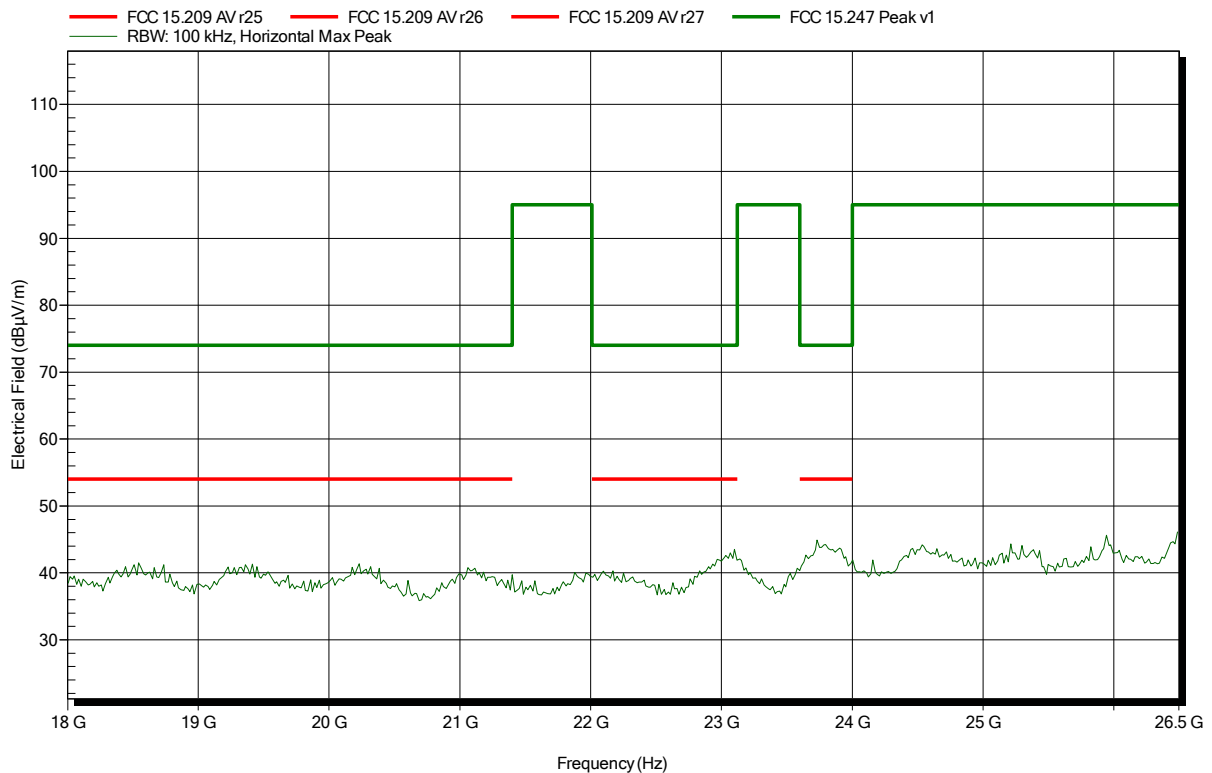


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 025, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT-LE; CH: 0; 2402 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 106

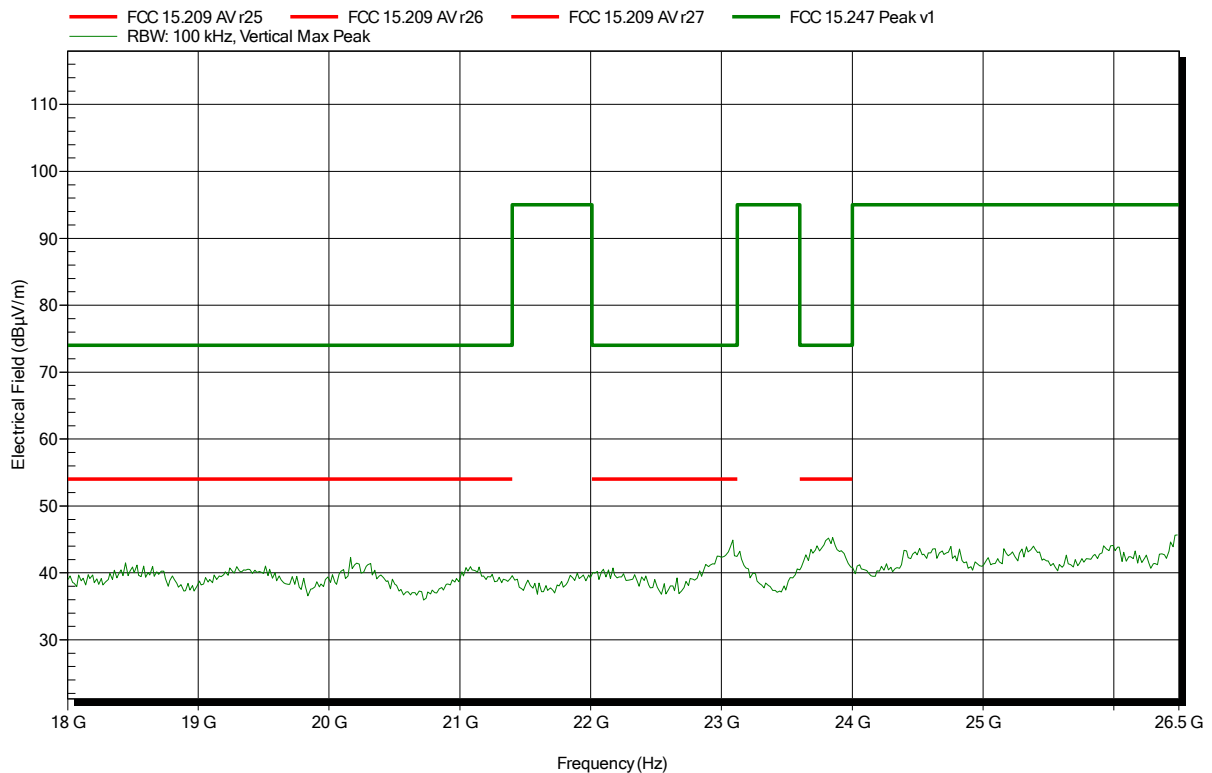


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 025, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT-LE; CH: 19; 2440 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 95

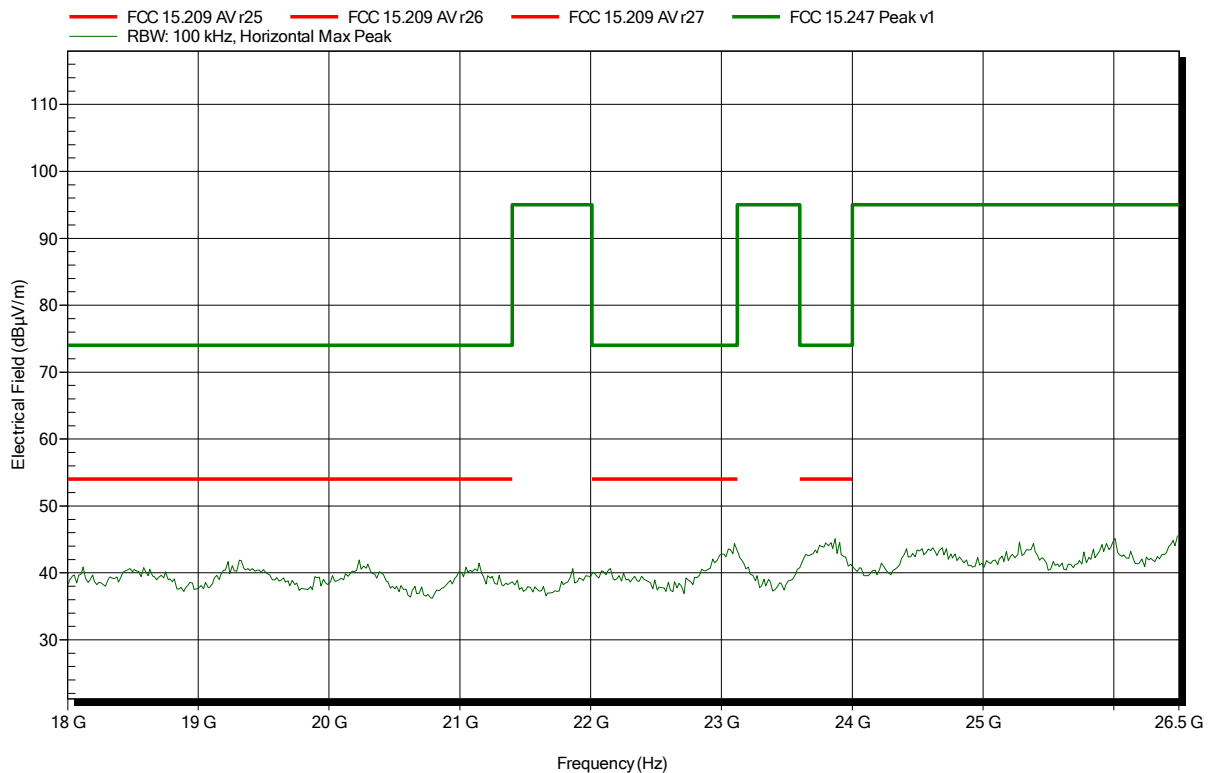


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 025, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT-LE; CH: 19; 2440 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 94

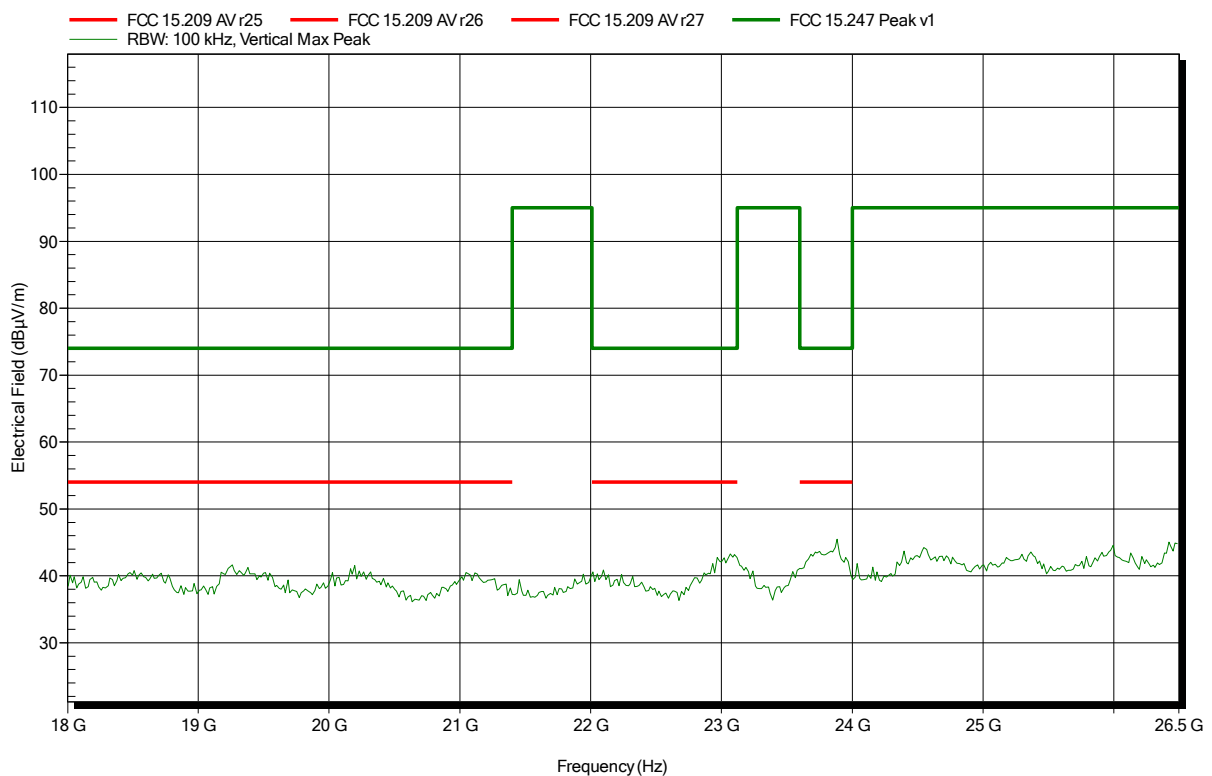


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 025, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT-LE; CH: 39; 2480 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 88

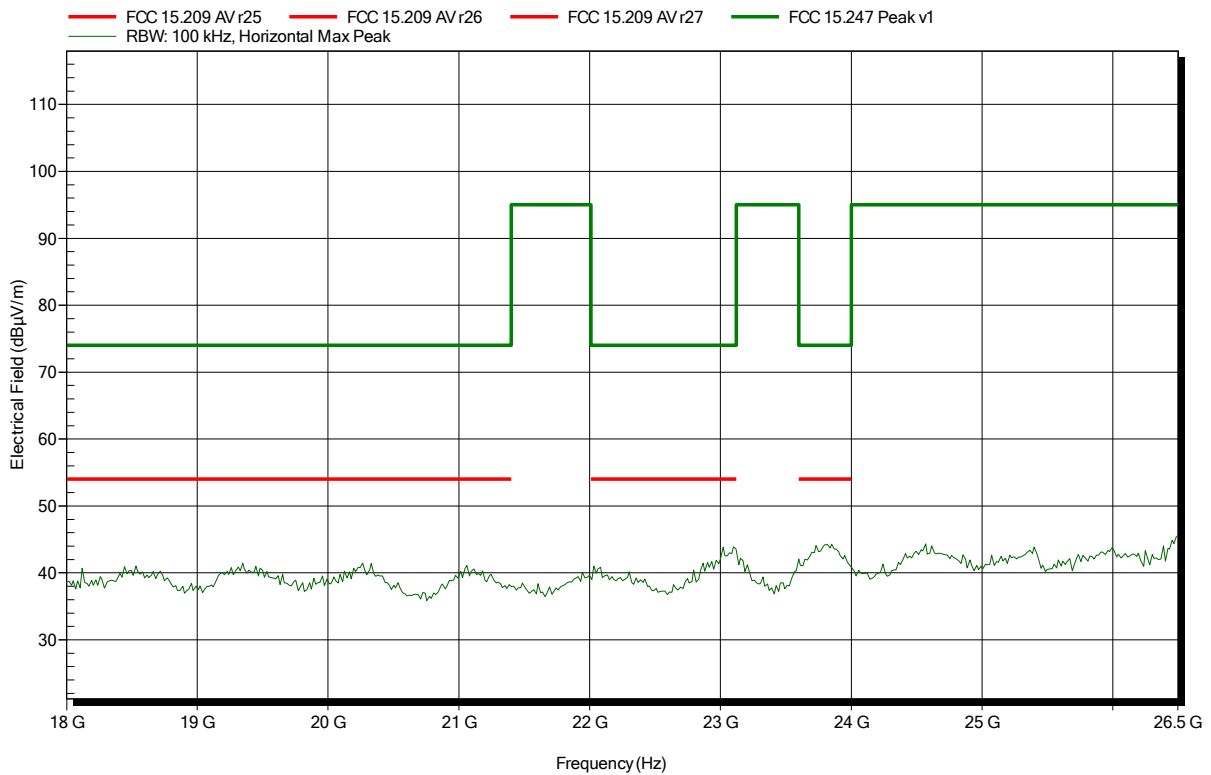


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 025, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT-LE; CH: 39; 2480 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 89



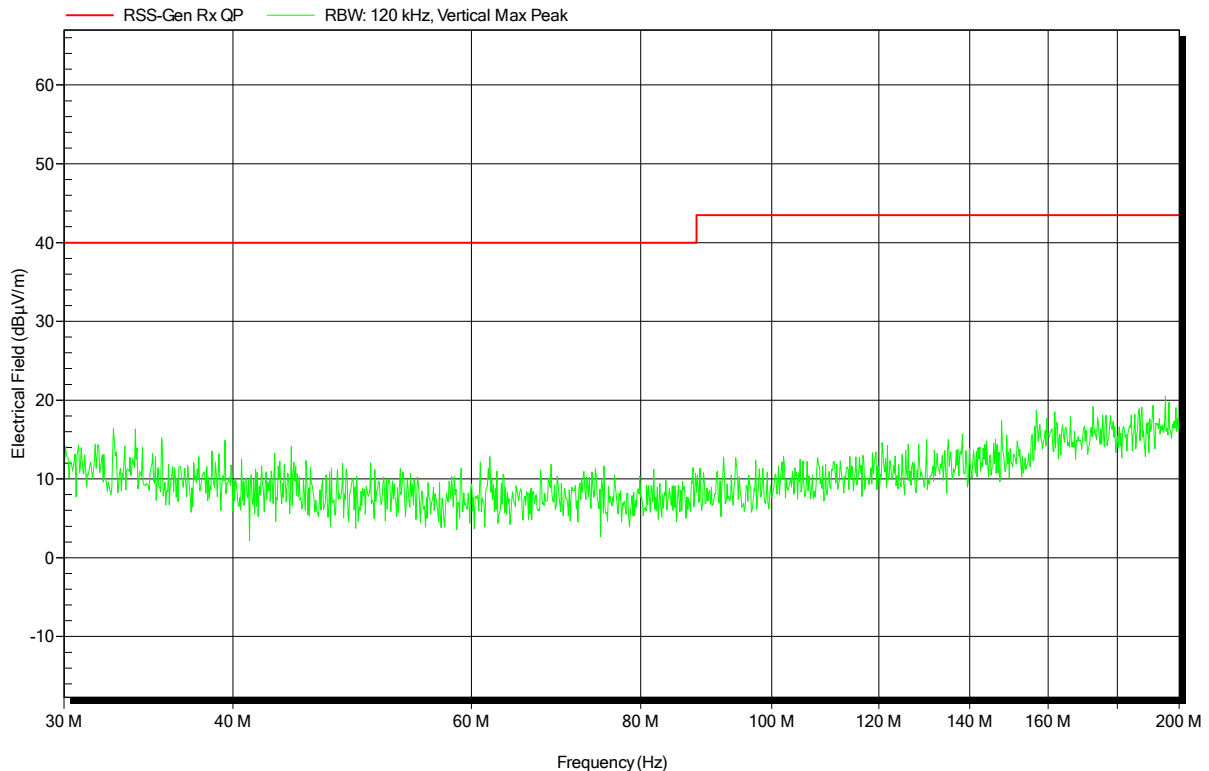
ANNEX B Receiver radiated spurious emissions

Spurious emissions according to IC RSS-247, I1

Project number: G0M-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HK 116, Vertical
Measurement distance:	3 m
Mode:	RX; BT-LE; CH: 19; 2440 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 75

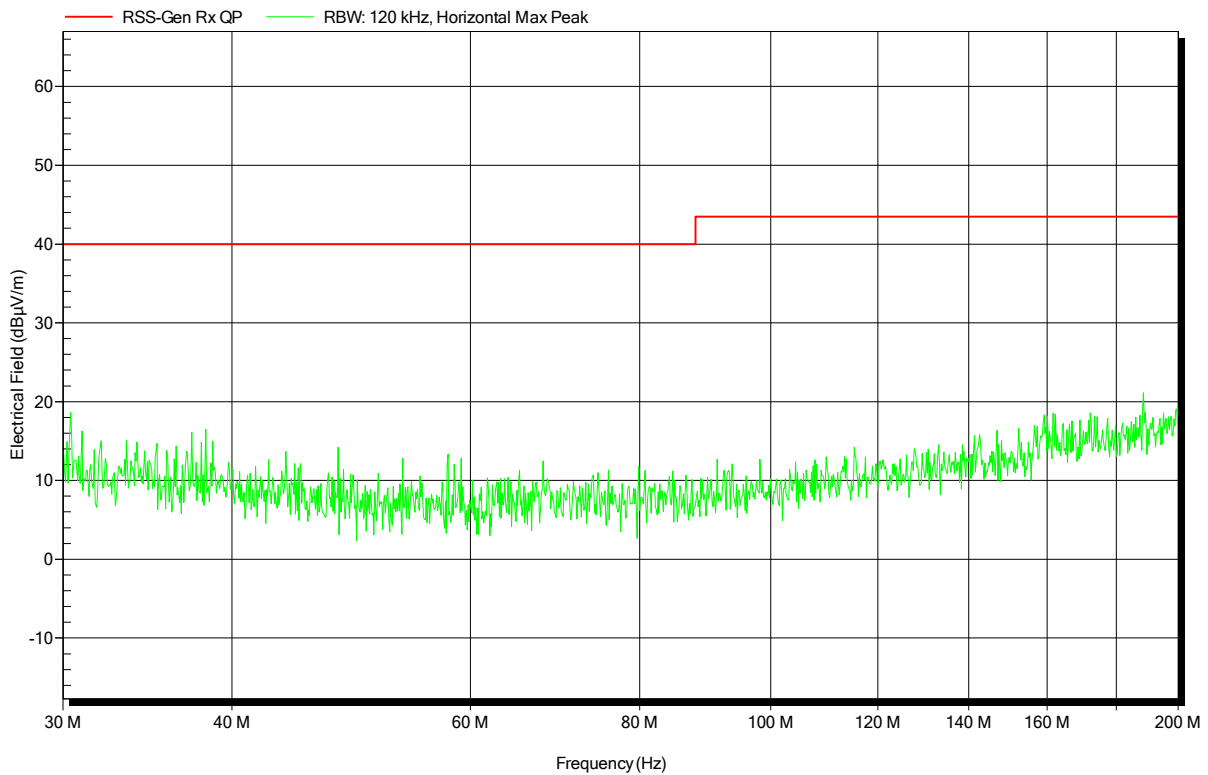


Spurious emissions according to IC RSS-247, I1

Project number: G0M-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	RX; BT-LE; CH: 19; 2440 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 74

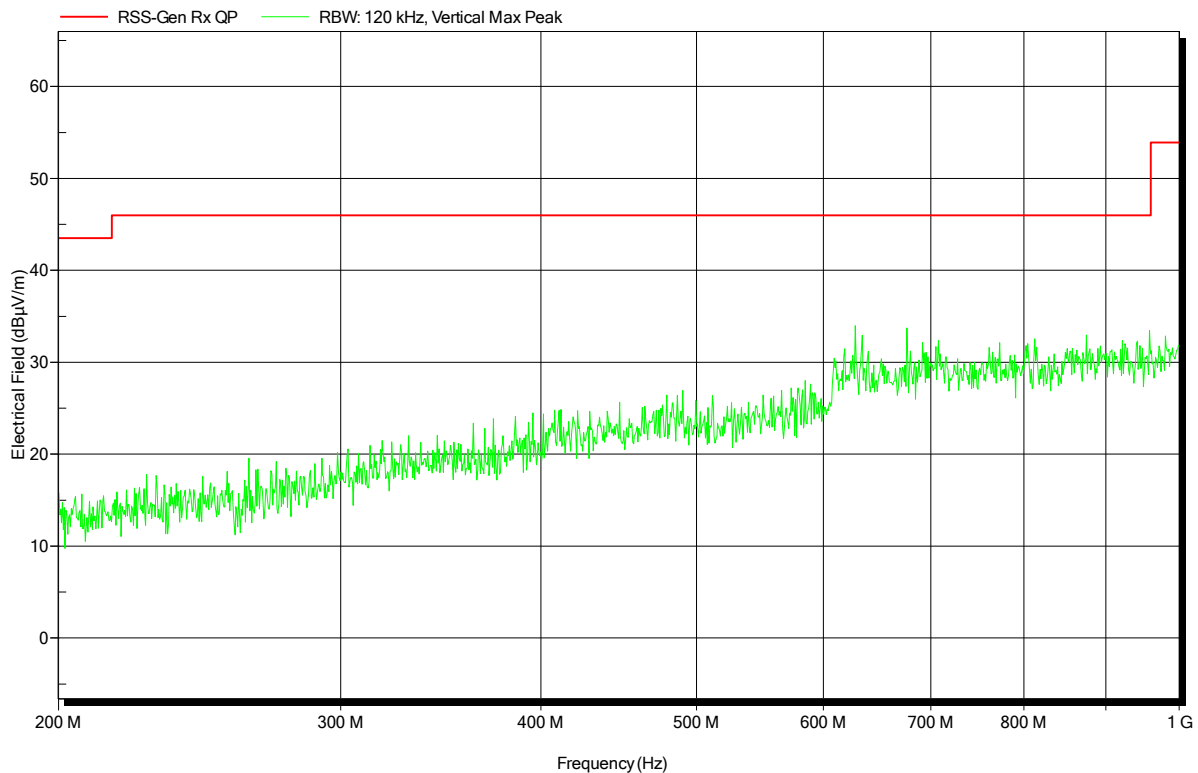


Spurious emissions according to IC RSS-247, I1

Project number: GOM-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	RX; BT-LE; CH: 19; 2440 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 72

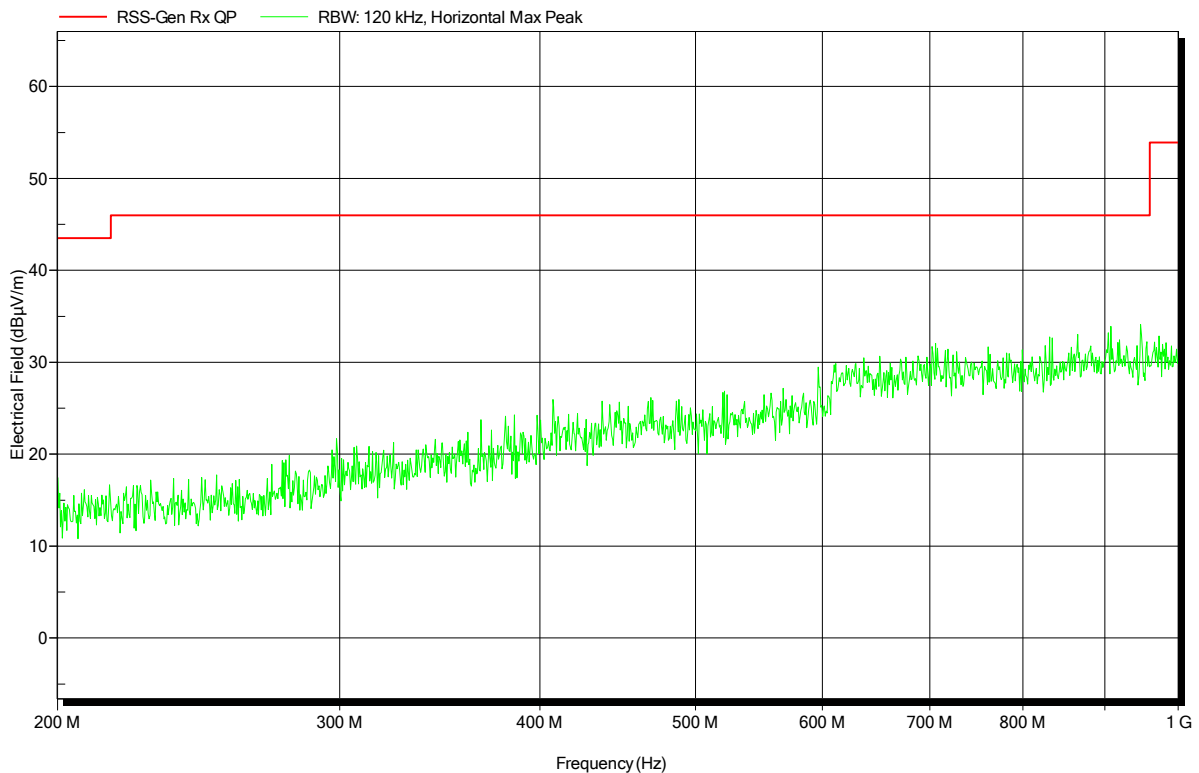


Spurious emissions according to IC RSS-247, I1

Project number: G0M-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	RX; BT-LE; CH: 19; 2440 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 73

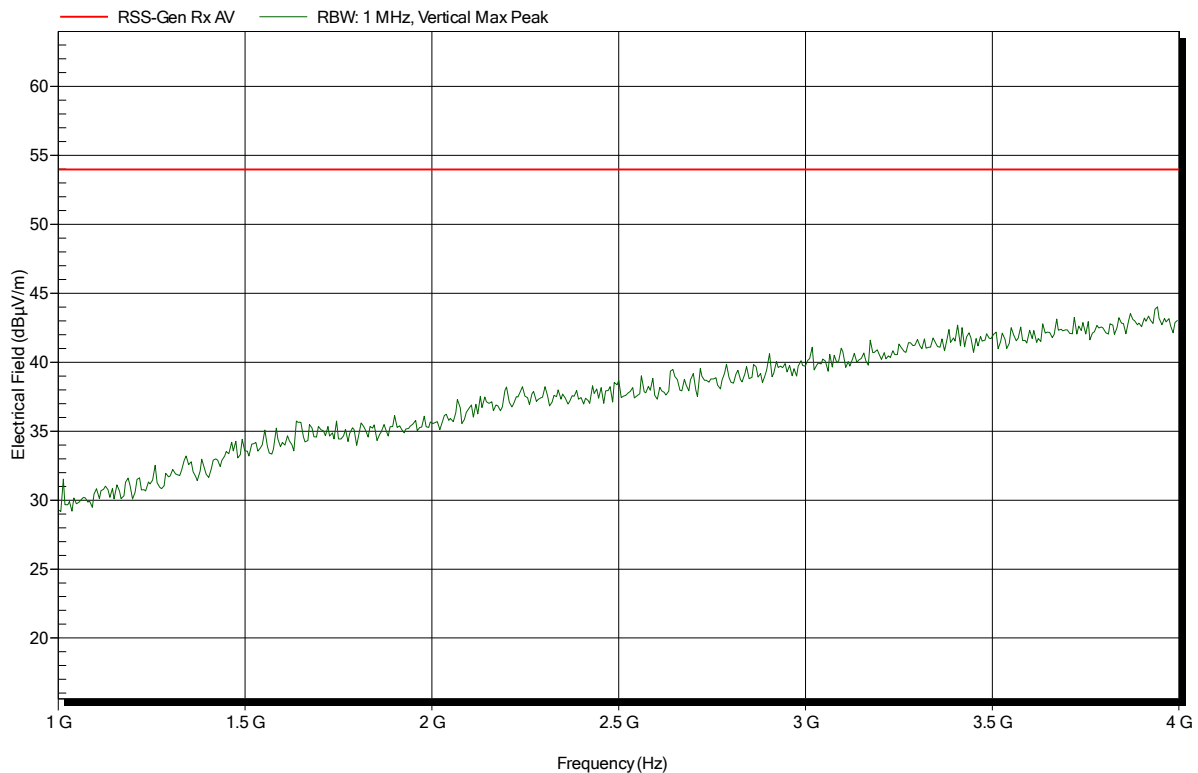


Spurious emissions according to IC RSS-247, I1

Project number: GOM-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 025, Vertical
Measurement distance:	3 m
Mode:	RX; BT-LE; CH: 19; 2440 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 82

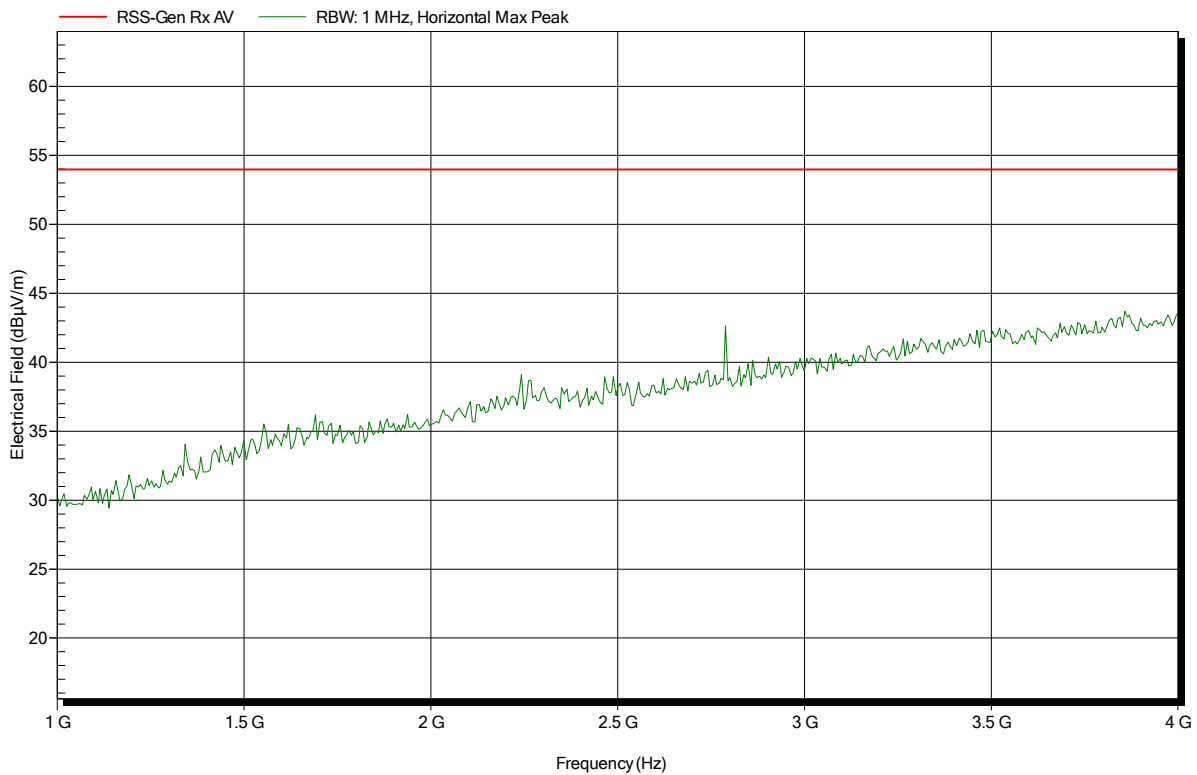


Spurious emissions according to IC RSS-247, I1

Project number: G0M-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 025, Horizontal
Measurement distance:	3 m
Mode:	RX; BT-LE; CH: 19; 2440 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 85

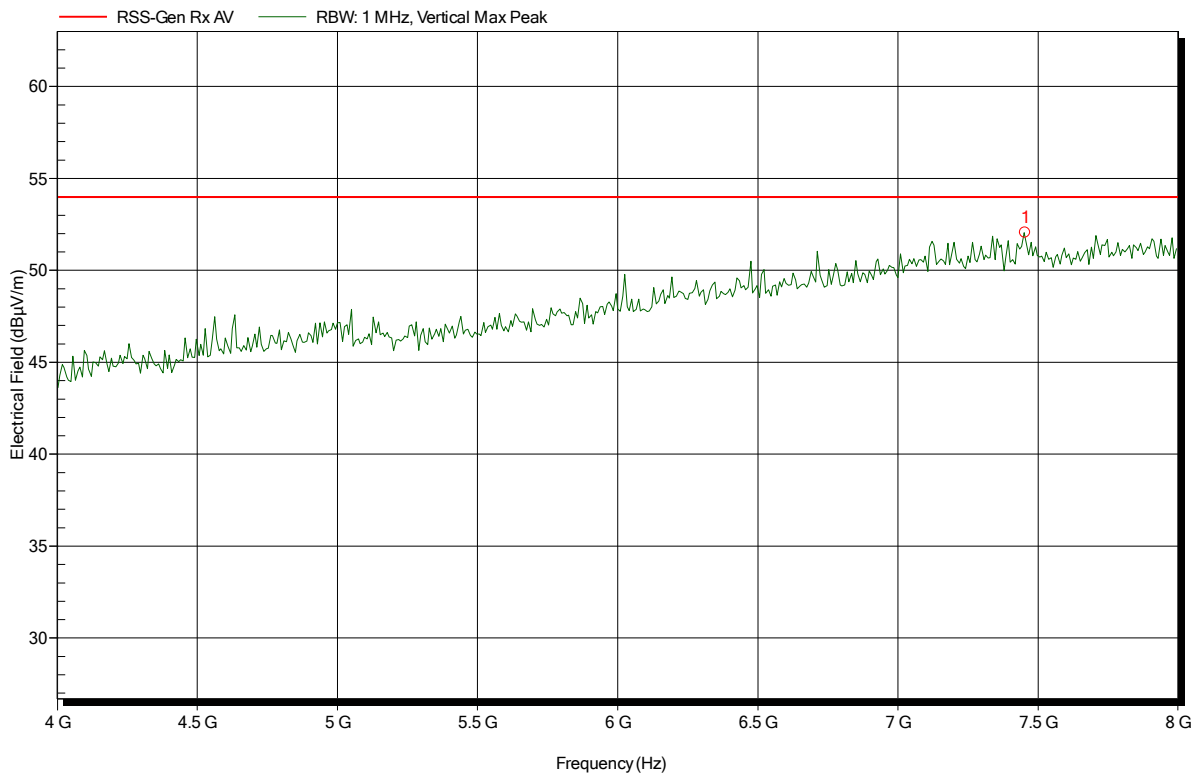


Spurious emissions according to IC RSS-247, I1

Project number: GOM-1607-5737

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica Disto D1
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Pudell
 Test Conditions: Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
 Antenna: Rohde & Schwarz HL 025, Vertical
 Measurement distance: 3 m
 Mode: RX; BT-LE; CH: 19; 2440 MHz; GFSK; ANT integral
 Test Date: 2016-07-26
 Note: EUT horizontal

Index 83



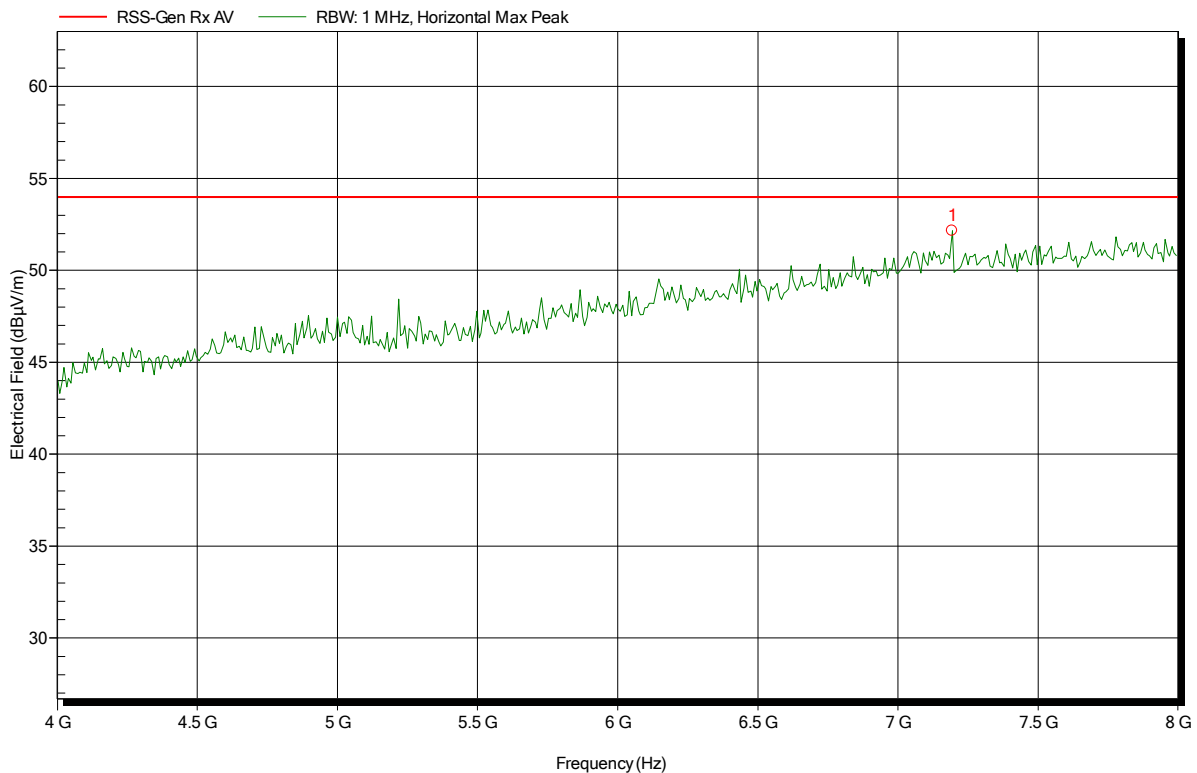
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
7.454 GHz	52.05 dBµV/m	53.98 dBµV/m	-1.93 dB	Pass

Spurious emissions according to IC RSS-247, I1

Project number: GOM-1607-5737

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica Disto D1
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Pudell
 Test Conditions: Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
 Antenna: Rohde & Schwarz HL 025, Horizontal
 Measurement distance: 3 m
 Mode: RX; BT-LE; CH: 19; 2440 MHz; GFSK; ANT integral
 Test Date: 2016-07-26
 Note: EUT horizontal

Index 86



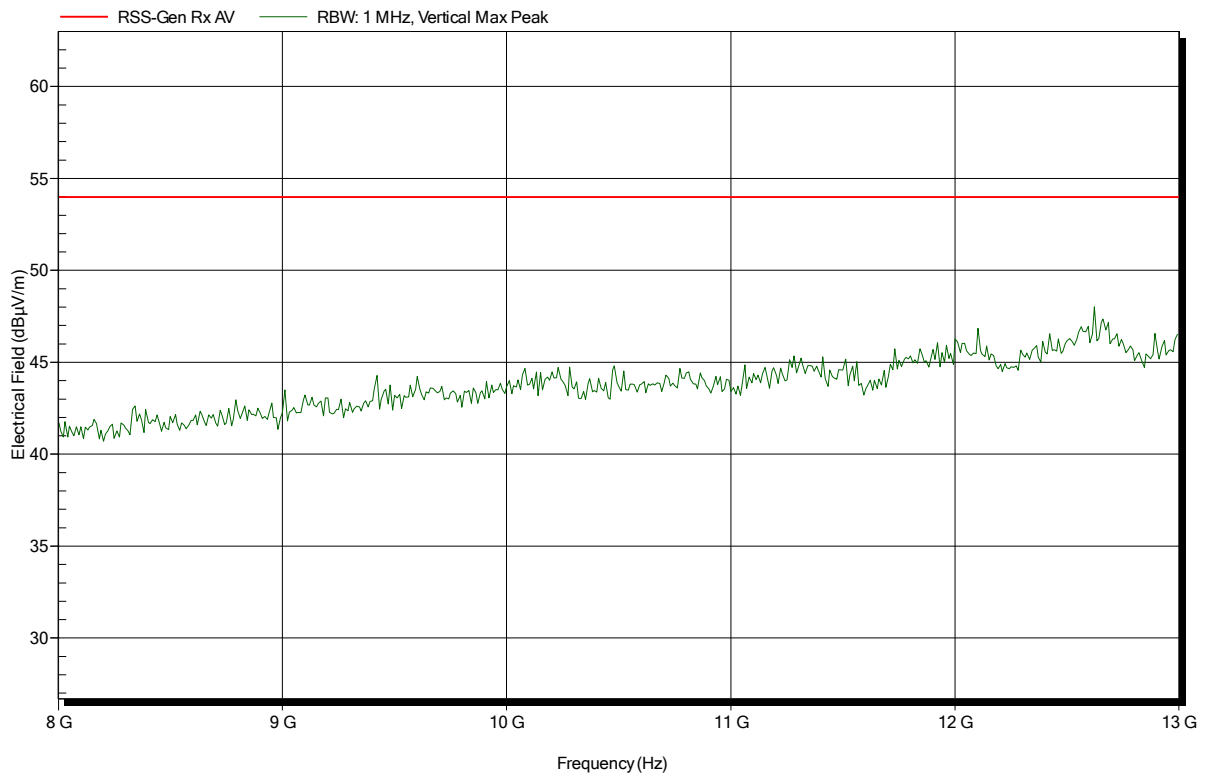
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
7.193 GHz	52.15 dBµV/m	53.98 dBµV/m	-1.83 dB	Pass

Spurious emissions according to IC RSS-247, I1

Project number: G0M-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 025, Vertical
Measurement distance:	1 m converted to 3m
Mode:	RX; BT-LE; CH: 19; 2440 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 84



Spurious emissions according to IC RSS-247, I1

Project number: GOM-1607-5737

Applicant:	Leica Geosystems AG
EUT Name:	Laser Distance Meter
Model:	Leica Disto D1
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 3.0 V DC (2x AAA-battery)
Antenna:	Rohde & Schwarz HL 025, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	RX; BT-LE; CH: 19; 2440 MHz; GFSK; ANT integral
Test Date:	2016-07-26
Note:	EUT horizontal

Index 87

